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DEPARTMENT OF STATE,
OFFICE OF THE SECRETARY,
July 7, 1888.

HON. CYRUS G. LUCE, *Governor of Michigan*:

SIR,—In compliance with the requirements of the laws of this State, I have the honor to submit herewith the Twentieth Annual Report relating to Births, Marriages and Deaths, returned for the year ending Dec. 31, 1886.

During the compilation of the present report the act commonly known as the "Marriage License Law" has gone into effect, and sufficient time has now elapsed to observe its workings and some of its merits. As mentioned elsewhere in this volume one important result of the new law has been the earlier and more perfect registration of the marriage returns.

An examination of Exhibit A, on page 1, shows that the number of births returned in this State in 1886, was 41,095, the number of marriages solemnized was 16,631, and the number of deaths reported was 18,187. The same exhibit also shows an excess of 22,908 births over deaths during that year, which represents, according to the returns, the natural increase of population for the year. With the exception of the years 1883 and 1885, this is the greatest natural increase since the registration in Michigan.

The continued social and material prosperity of our State is again made evident from the increased number of births and marriages for the year. Nearly 60 per cent of the total marriages for 1886 were between parties both of whom were born in the United States to only about 20 per cent where both parties were foreign-born. Further information on this subject will be found in Tables 36 and 37 of marriages where it is more fully discussed.

The relation of mortality to the inhabitants of the State is one of the most important subjects with which these statistics have to deal, and for this reason a large portion of the present volume, like the preceding ones, is devoted to its consideration. Diseases of the lungs are, to-day, the greatest and most widely distributed of all modern causes of mortality, and consumption has held the first rank each year among the leading causes of death in Michigan with but a single exception (diphtheria in 1881) during the entire time of registration. In Table 67 may be seen the mortality-rate in each of the five general classes for the years 1884, 1885, 1886, as compared with the average

for ten years ending with 1885. The most important decline, as compared with the average for ten years, is in the zymotic class, the rate in 1886 being 25.51 per cent, while for the average of ten years it is 27.39 per cent of the deaths from all causes. As compared with the year 1885, there is an increase in the rate from this class of 3.75 per cent, owing to the large increase in the number of deaths from cholera infantum and other diarrheal diseases during 1886. The various diseases which compose each class will be found in Table 77.

The facts presented for consideration in the present report have been carefully compiled and tabulated and are believed to be accurate in every respect so far as the returns show. That they may prove of interest and value to the people of Michigan is my earnest desire.

Respectfully submitted,

GILBERT R. OSMUN,

Secretary of State.

BIRTHS, MARRIAGES AND DEATHS,

IN MICHIGAN,

DURING THE YEAR 1886.

The total number of births, marriages, and deaths, as returned for the year 1886, and the more important facts in relation to them may be seen in the accompanying tables and exhibits.

Exhibit A gives a concise statement of the number of births, marriages, and deaths for the year 1886, for a series of years, and also the average for ten years. For the year 1886 there were returned 41,095 births, 16,631 marriages, and 18,187 deaths, making a grand total of 75,913. This number is 2,132 more than were reported in 1885.

As compared with 1885, there were returned, for 1886, 1,024 fewer births, 1,615 more marriages (the original number of marriages for 1885 being 15,016), and 1,541 more deaths. The average annual number of births for the ten years, 1876-1885, was 36,735, the average number of marriages 14,724, and the average number of deaths 15,604. The returns for 1886 far exceed the average in each case.

The natural increase in population, or excess of births over deaths, was 22,908. While this is less by 2,565 than the natural increase in 1885, it is more by 1,777 than the average for the ten years 1876-1885.

Under the present system of enumerating births and deaths after the year in which they occurred has passed, a large number are evidently overlooked. In order to offset this a correction has been made each year to the number of births and deaths returned which is thought to bring them up very nearly to the actual figures. This correction will be found in the lower part of Exhibit A.

EXHIBIT A.—*Births, Marriages, and Deaths returned as having occurred in Michigan during each of the Years 1883 to 1886, and the Average for Ten Years, 1876-1885, as returned and as corrected for omissions in the enumeration.*

		1883.	1884.	1885.	1886.	Average 10 Years, 1876-1885.
As Returned.	Marriages	[a] 17,174	15,863	15,693	16,631	14,724
	Births	40,809	40,408	42,119	41,095	36,735
	Deaths	16,906	18,056	16,646	18,187	15,604
	Excess of births over deaths	23,903	22,352	25,473	22,908	21,131
As Corrected for Omissions.	Births	56,215	55,156	58,026	60,484	51,730
	Deaths	23,640	25,133	22,704	25,210	22,861
	Excess of Births over deaths	32,575	30,023	35,322	35,274	28,869

[a] Corrected for additional returns up to April 6, 1888.

POPULATION.

The estimated population of Michigan, for the year 1886, is 1,972,507. This estimate is based upon the annual rate of increase which prevailed from 1880 to 1884. Although the annual rate of increase from 1884 to 1890 may be somewhat different from that of 1880 to 1884, still it seems to be the most available method at present and one least open to criticism.

Based upon this rate of increase, the population of the State for the years 1880-1886 (that for the year 1880 and 1884 being the actual figures as per census) would be as follows:

Years.	Populaton.
1880	1,636,937
1881	1,688,599
1882	1,741,891
1883	1,796,865
1884	1,853,658
1885	1,912,159
1886	1,972,507

In Exhibit B the population of the State, according to the U. S. Census of 1880, was used as the basis of calculations for the years 1882 and 1883, while for the years 1884-1886, the population of the State according to the census of 1884 was used. In this exhibit may be found some of the interesting relations which exist between births, marriages, deaths, and inhabitants. The natural average daily increase of population for 1886, by the returns of births and deaths, was 63, a number somewhat smaller than the average for the previous year. It seems from the facts here set forth that for the year 1886 one child was born in Michigan to every 45 persons, one marriage was solemnized to every 111 persons, and one death occurred to every 102 persons.

EXHIBIT B.—*Statements concerning Births, Marriages and Deaths in Michigan during the years 1882-1886, inclusive.*

	1882.[a]	1883.[a]	1884.[b]	1885.[b]	1886.[b]
Inhabitants represented by returns of marriages to one marriage[c]	96.99	95.31	116.85	118.12	111.46
In population represented by marriages, males to one marriage	51.09	50.21	61.43	62.09	58.59
In population represented by marriages, females to one marriage	45.89	45.10	55.41	56.01	52.85
Inhabitants represented by births to each child returned	44.11	40.02	45.78	43.95	44.98
Inhabitants, males to each male child returned	44.85	40.57	46.49	44.86	45.54
Inhabitants, females to each female child returned	43.41	39.58	45.20	43.11	44.51
Inhabitants, represented by deaths to one death	99.34	96.59	102.40	110.90	101.61
Inhabitants, males to one death of male	98.68	94.48	101.32	107.50	99.87
Inhabitants, females to one death of female	100.85	99.78	104.61	115.68	104.34
Deaths, males to 100 females	113.69	117.46	114.36	119.24	115.75
Births, males to 100 females	107.83	108.52	107.70	106.50	108.28
Total population of State, males to 100 females	111.33	111.33	110.85	110.85	110.85
Births to one death	2.25	2.41	2.24	2.53	2.26
Births, males to one death of male	2.20	2.33	2.18	2.40	2.19
Births, females to one death of female	2.32	2.52	2.32	2.69	2.34
Children born of which the sex was unknown or not stated	60.00	81.00	86.00	63.00	63.00
Decedents of which the sex was unknown or not stated	48.00	57.00	82.00	52.00	60.00
Natural daily increase of population, as per births and deaths returned	56.44	66.00	61.00	69.00	63.00
Natural daily increase of population where returns of births and deaths are corrected for omissions in the enumeration	61.66	89.00	82.00	97.00	97.00

[a] In computing statements for this column the population of 1880 was used.
[b] In computing statements for this column the population of 1884 was used.
[c] Marriages corrected for additional returns up to April 6, 1888.

The gradual increase in the number of births, marriages, and deaths as returned for the years 1868-1886, may be seen in Exhibit C. The total and the average for these years may be found at the bottom of the exhibit.

EXHIBIT C.—*The Number of Births, Marriages, Deaths, and Excess of Births over Deaths, as returned for each of the Years 1868–1886.*

Years.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.
1868	19,171	5,485	6,326	12,845
1869	27,093	8,459	9,145	17,948
1870	26,663	9,160	10,766	15,897
1871	25,992	10,181	9,728	16,264
1872	27,993	9,882	13,371	14,622
1873	34,608	10,574	14,258	20,350
1874	31,151	11,041	12,500	18,651
1875	31,958	11,055	11,990	19,968
1876	34,235	10,858	12,576	21,659
1877	33,395	11,009	12,919	20,476
1878	35,162	12,221	12,766	22,396
1879	34,122	13,225	14,407	19,715
1880	35,323	14,149	16,102	19,221
1881	34,749	14,847	19,238	15,511
1882	37,026	16,178	16,425	20,601
1883	40,809	16,420	16,906	23,903
1884	40,408	15,002	18,056	22,352
1885	42,119	15,016	16,646	25,473
1886	41,095	16,631	18,187	22,908
Total	633,072	231,393	262,312	370,760
Average	33,320	12,179	13,806	19,514

The average number of births, marriages, and deaths for certain specified periods of time within the year 1886 will be found in Exhibit D. There were on an average, according to the returns, 113 births, 46 marriages, and 50 deaths during each day of the year 1886. These figures are considerably increased when the returns are corrected, as may be seen in the lower part of the exhibit.

EXHIBIT D.—*The number of Marriages, Births, Deaths, and Excess of Births over Deaths in Michigan during the Year 1886, the Average Number and Excess for Specified Periods of Time within the year as returned, and the same for Births and Deaths as corrected for Omissions in the Enumeration.*

	Periods of Time,—1886.	Marriages, 1886.	Births, 1886.	Deaths, 1886.	Excess of Births over Deaths.
As Returned.	Year 1886[a]	16,631	41,095	18,187	22,908
	Quarter	4,158	10,274	4,547	5,727
	Month	1,386	3,425	1,516	1,909
	Week	320	790	350	440
	Day	46	113	50	63
Births and Deaths as Corrected.	Year 1886[b]	.....	60,484	25,210	35,274
	Quarter	.....	15,121	6,303	8,818
	Month	.....	5,040	2,101	2,939
	Week	.....	1,163	466	697
	Day	.....	166	69	97

[a] Unknown month included.
[b] Corrected as if enumerated in months of occurance.

Exhibit E shows the number of births, deaths, and excess of births over deaths for each month of the years 1881-1886, also the average excess of births for the ten years 1877-1886. For the year 1886 the largest excess of births appears for the month of April and the smallest for January. In the average, the largest excess, as usual. is in the month of December and the smallest in January.

EXHIBIT E.—*By Months, the Births, Deaths, and Excess of Births over Deaths, according to the Returns, in Michigan, during each of the years 1881-1886, inclusive.*

		Total [a]	Months.											
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1881	Births	34,719	2,393	2,432	2,835	2,805	2,887	2,712	3,027	3,313	3,204	3,078	2,854	3,179
	Deaths	19,172	1,065	1,078	1,315	1,427	1,457	1,276	1,701	2,246	2,301	1,941	1,617	1,748
	Excess of Births	15,547	1,328	1,354	1,520	1,378	1,413	1,436	1,326	1,067	903	1,137	1,237	1,431
1882	Births	36,985	2,486	2,536	3,004	3,059	3,031	2,733	3,100	3,521	3,444	3,379	3,215	3,477
	Deaths	16,347	978	1,171	1,372	1,311	1,480	1,264	1,284	1,453	1,545	1,498	1,421	1,570
	Excess of Births	20,638	1,508	1,365	1,632	1,748	1,551	1,469	1,816	2,068	1,899	1,881	1,794	1,907
1883	Births	40,767	2,654	2,734	3,312	3,455	3,667	3,333	3,576	3,765	3,694	3,664	3,358	3,555
	Deaths	16,857	1,066	1,134	1,374	1,500	1,430	1,254	1,439	1,651	1,613	1,401	1,397	1,598
	Excess of Births	23,910	1,588	1,600	1,938	1,955	2,237	2,079	2,137	2,114	2,081	2,263	1,961	1,957
1884	Births	40,359	2,748	2,878	3,498	3,430	3,480	3,407	3,482	3,673	3,559	3,445	3,215	3,544
	Deaths	18,000	1,087	1,181	1,421	1,382	1,456	1,266	1,520	1,917	1,877	1,752	1,526	1,615
	Excess of Births	22,359	1,661	1,697	2,077	2,048	2,024	2,141	1,962	1,756	1,682	1,693	1,689	1,929
1885	Births	42,083	2,707	2,987	3,533	3,618	3,730	3,346	3,567	3,924	3,995	3,624	3,363	3,689
	Deaths	16,590	1,131	1,267	1,421	1,474	1,286	1,185	1,363	1,486	1,559	1,492	1,362	1,564
	Excess of Births	25,493	1,576	1,720	2,112	2,144	2,444	2,161	2,204	2,438	2,436	2,132	2,001	2,125
1886	Births	41,044	2,617	2,858	3,456	3,640	3,498	3,352	3,598	3,781	3,707	3,540	3,270	3,727
	Deaths	18,127	1,065	1,093	1,462	1,396	1,376	1,281	1,461	1,887	1,889	1,761	1,615	1,841
	Excess of Births	22,917	1,552	1,765	1,994	2,244	2,122	2,071	2,137	1,894	1,818	1,779	1,655	1,886
Monthly averages of excess for 1877 to 1886, inclusive		21,267	1,515	1,538	1,822	1,817	1,887	1,853	1,858	1,810	1,773	1,821	1,708	1,865

[a] Unknown month excluded.

EXHIBIT F.—*Showing, by Sex, the Population in 1884, the Number of Marriages, Births and Deaths, and the Excess of Births over Deaths, in Michigan during the Year 1886.*

State and Counties.	Population, 1884.				Marriages, 1886.	Births, 1886.				Deaths, 1886.				Excess of Births over Deaths.			
	Total.	Sex.				Total.	Sex.			Total.	Sex.			Total.	Sex.		
		Males.	Females	Unknown.			Males.	Females.	Unknown.		Males.	Females.	Unknown.		Males.	Females.	Unknown.
State	1,853,658	974,424	879,028	206	16,631	41,095	21,332	19,700	63	18,187	9,725	8,402	60	22,908	11,607	11,298	3
Alcona	4,028	2,428	1,600	.....	27	74	39	35	.....	19	10	9	.....	55	29	26	.....
Alger	.....	.....	.....	.....	4	8	6	2	.....	7	4	3	.....	1	2	-1	.....
Allegan	38,666	20,052	18,614	.....	372	709	377	331	1	322	160	160	2	387	217	171	-1
Alpena	12,683	6,990	5,693	.....	118	399	202	197	.....	131	66	65	.....	268	136	132	.....
Antrim	8,761	4,736	4,025	.....	83	199	96	103	.....	56	26	30	.....	143	70	73	.....
Arenac	4,027	2,319	1,708	.....	28	128	61	67	.....	35	18	17	.....	93	43	50	.....
Baraga	3,039	1,819	1,220	.....	15	73	35	38	.....	25	13	12	.....	48	22	26	.....
Barry	24,102	12,507	11,595	.....	200	380	199	181	.....	182	94	88	.....	198	105	93	.....
Bay	51,221	28,215	23,006	.....	358	1,430	759	671	.....	473	245	228	.....	957	514	443	.....
Benzie	4,389	2,349	2,040	.....	31	111	57	53	1	46	29	17	.....	65	28	36	1
Berrien	37,776	19,225	18,551	.....	602	694	380	313	1	329	185	143	1	365	195	170	.....
Branch	27,661	14,042	13,619	.....	279	369	193	175	1	312	163	148	1	57	30	27	.....
Calhoun	41,585	21,297	20,285	3	312	569	274	286	9	396	197	190	9	173	77	96	.....
Cass	21,202	10,886	10,316	.....	235	313	164	148	1	151	78	73	.....	162	86	75	1
Charlevoix	9,275	5,030	4,245	.....	41	159	89	70	.....	62	29	33	.....	97	60	37	.....
Cheboygan	9,946	5,503	4,443	.....	86	253	138	115	.....	85	46	39	.....	168	92	76	.....
Chippewa	8,422	4,746	3,676	.....	89	160	91	68	1	52	34	18	.....	108	57	50	1
Clare	5,549	3,251	2,298	.....	46	95	52	43	.....	33	15	18	.....	62	37	25	.....

Clinton	27,135	14,034	13,101	.....	214	486	243	242	1	199	100	98	1	287	143	144	.....
Crawford	2,389	1,381	1,008	.....	16	45	20	25	.....	28	12	16	.....	17	8	9	.....
Delta	9,992	5,876	4,116	.....	100	276	128	145	3	109	57	49	3	167	71	96	.....
Eaton	31,802	16,210	15,592	.....	280	496	250	245	1	335	170	165	.....	161	80	80	1
Emmet	7,944	4,095	3,849	.....	52	135	75	60	.....	106	47	59	.....	29	28	1	.....
Genesee	38,776	19,782	18,994	.....	349	559	279	275	5	295	169	124	2	264	110	151	3
Gladwin	1,539	899	640	.....	15	56	32	24	.....	29	14	15	.....	27	18	9	.....
Grand Traverse	12,092	6,522	5,570	.....	96	167	90	77	.....	82	48	34	.....	85	42	43	.....
Gratiot	25,049	13,204	11,845	.....	209	489	232	257	.....	170	87	83	.....	319	145	174	.....
Hillsdale	31,686	15,911	15,775	.....	298	402	199	203	.....	278	132	146	.....	124	67	57	.....
Houghton	26,146	14,168	11,978	.....	251	1,061	531	529	1	420	234	185	1	641	297	344	.....
Huron	24,521	12,934	11,585	2	140	800	412	387	1	217	120	96	1	583	292	291	.....
Ingham	34,939	17,917	17,022	.....	317	494	259	234	1	251	129	121	1	243	130	113	.....
Ionia	32,559	17,057	15,502	.....	266	526	256	270	.....	257	141	116	.....	269	115	154	.....
Iosco	10,602	6,060	4,542	.....	102	433	218	214	1	104	52	51	1	329	166	163	.....
Iron	.....	.....	.....	.....	16	36	20	14	2	10	2	6	2	26	18	8	.....
Isabella	16,011	8,597	7,414	.....	159	387	190	196	1	130	67	62	1	257	123	134	.....
Jackson	45,232	23,385	21,847	.....	339	715	356	359	.....	358	168	190	.....	357	188	169	.....
Kalamazoo	35,281	17,875	17,406	.....	320	612	296	315	1	361	212	148	1	251	84	167	.....
Kalkaska	4,493	2,470	2,023	.....	25	70	39	31	.....	35	20	15	.....	35	19	16	.....
Kent	84,600	43,467	41,133	.....	1,002	2,132	1,096	1,036	.....	795	423	372	.....	1,337	673	664	.....
Keweenaw	4,667	2,551	2,116	.....	7	139	76	61	2	66	38	28	.....	73	38	33	2
Lake	7,539	4,528	3,011	.....	39	112	68	44	.....	42	24	18	.....	70	44	26	.....
Lapeer	30,057	15,568	14,489	.....	224	641	340	301	.....	230	116	114	.....	411	224	187	.....
Leelanaw	7,128	3,842	3,286	.....	37	187	89	98	.....	85	51	34	.....	102	38	64	.....
Lenawee	49,584	24,916	24,668	.....	514	703	353	350	.....	392	210	179	3	311	143	171	-3

a The figures with the minus sign placed before them indicate the excess of deaths over births.

EXHIBIT F.—CONTINUED.

Counties.	Population, 1884.				Marriages, 1886.	Births, 1886.				Deaths, 1886.				Excess of Births over Deaths.a			
	Total.	Sex.				Total.	Sex.			Total.	Sex.			Total.	Sex.		
		Males.	Females.	Unknown.			Males.	Females	Unknown.		Males.	Females.	Unknown.		Males.	Females.	Unknown.
Livingston	21,568	11,254	10,314	.....	171	324	173	151	.....	149	83	66	.....	175	90	85	.....
Mackinac	5,171	2,948	2,223	.....	42	73	35	38	.....	28	20	8	.....	45	15	30	.....
Macomb	31,293	15,978	15,315	.....	250	681	367	314	.....	290	140	150	.....	391	227	164	.....
Manistee	19,875	10,879	8,996	.....	221	527	290	237	.....	169	100	69	.....	358	190	168	.....
Manitou	1,198	547	456	195	2	19	10	9	.....	5	3	2	.....	14	7	7	.....
Marquette	31,397	17,580	13,817	.....	216	1,085	534	551	.....	328	186	142	.....	757	348	409	.....
Mason	13,221	7,232	5,989	.....	111	330	186	142	2	149	72	75	2	181	114	67	.....
Mecosta	20,597	11,283	9,314	.....	187	381	198	183	.....	154	99	55	.....	227	99	128	.....
Menominee	19,120	11,488	7,632	.....	200	739	408	328	3	228	142	82	4	511	266	246	-1
Midland	8,776	4,728	4,048	.....	84	206	108	98	.....	71	39	32	.....	135	69	66	.....
Missaukee	3,386	2,036	1,350	.....	22	113	56	57	.....	23	15	8	.....	90	41	49	.....
Monroe	33,353	17,186	16,167	.....	361	754	369	385	.....	300	153	147	.....	454	216	238	.....
Montcalm	35,356	18,774	16,581	1	308	600	313	287	.....	205	116	89	.....	395	197	198	.....
Montmorency	845	494	351	.....	6	22	12	10	.....	14	7	7	.....	8	5	3	.....
Muskegon	37,554	20,522	17,029	3	314	982	502	480	.....	318	192	126	.....	664	310	354	.....
Newaygo	18,996	10,684	8,312	.....	150	357	185	172	.....	114	51	63	.....	243	134	109	.....
Oakland	41,100	20,821	20,279	.....	315	551	284	266	1	352	175	176	1	199	109	90	.....
Oceana	14,519	7,859	6,660	.....	106	252	132	120	.....	105	68	37	.....	147	64	83	.....
Ogemaw	3,637	2,041	1,596	.....	42	87	41	46	.....	24	12	12	.....	63	29	34	.....
Ontonagon	4,836	3,329	1,507	.....	34	83	32	50	1	61	38	22	1	22	-6	28	.....

Osceola	14,001	7,533	6,468	.....	142	342	171	171	.....	127	72	55	.....	215	99	116	.....
Oscoda	1,874	798	576	.....	6	21	15	6	.....	13	9	4	.....	8	6	2	.....
Otsego	3,906	2,223	1,683	.....	23	51	24	27	.....	24	11	13	.....	27	13	14	.....
Ottawa	36,225	18,970	17,255	.....	300	880	455	424	1	359	188	168	3	521	267	256	-2
Presque Isle	4,064	2,168	1,896	.....	20	124	61	63	.....	50	27	23	.....	74	34	40	.....
Roscommon	2,588	1,813	775	.....	9	23	13	10	.....	7	6	1	.....	16	7	9	.....
Saginaw	74,795	41,588	33,207	.....	646	1,920	1,007	908	5	943	517	421	5	977	490	487	.....
Sanilac	29,583	15,578	14,005	.....	208	787	394	392	1	261	131	129	1	526	263	263	.....
Schoolcraft	3,846	2,568	1,278	.....	39	43	25	18	.....	21	16	5	.....	22	9	13	.....
Shiawassee	28,078	14,731	13,347	.....	212	453	255	198	.....	216	118	98	.....	237	137	100	.....
St. Clair	46,783	24,058	22,723	2	397	1,037	557	477	3	460	237	223	.....	577	320	254	3
St. Joseph	26,277	13,295	12,982	.....	338	411	220	190	1	241	125	114	2	170	95	76	-1
Tuscola	30,726	16,126	14,600	.....	281	789	404	380	5	269	139	128	2	520	265	252	3
Van Buren	30,341	15,377	14,964	.....	286	508	278	230	.....	279	134	145	.....	229	144	85	.....
Washtenaw	41,694	21,067	20,627	.....	377	637	316	320	1	323	168	154	1	314	148	166	.....
Wayne	188,966	94,492	94,474	.....	1,781	6,388	3,427	2,957	4	3,324	1,815	1,501	8	3,064	1,612	1,456	-4
Wexford	10,518	5,732	4,786	.....	111	233	116	117	.....	83	46	37	.....	150	70	80	.....

a The figures with the minus sign placed before them indicate the excess of deaths over births.

BIRTHS, 1886.

The compilation of the returns of births for 1886 shows that 41,095 children were returned as having been born in Michigan during that year. This is a decrease of 1,024 from the number returned for 1885. With the exception of 1885, however, the number of births returned for 1886 is larger than for any previous year. The average annual number returned for the sixteen years, 1870-1885, was 34,107, which is 6,988 less than the number returned for 1886.

Using the same system of correction, which has been adopted in these reports, the number of births returned for 1886 should be increased by about 47.24 per cent in order to equal the number of children which were probably born. The following tabular exhibit shows what per cent of births has been returned and what per cent has been added as a correction for the years 1877-1886, also the average for these years.

Years.	Per Cent. of Births Returned	Per Cent. of Births added as Correction for Omissions.
1877	66.47	50.44
1878	67.41	48.34
1879	68.05	46.91
1880	69.73	43.42
1881	69.76	43.35
1882	74.31	34.57
1883	72.57	37.79
1884	73.24	36.54
1885	72.57	37.80
1886	67.92	47.24
Average for 10 years	70.20	42.64

In the following tabular exhibit may be seen the number of inhabitants in 1884 represented by the returns of births in 1886, the number and per cent of births as returned and also as corrected for omissions in the enumeration because of late records. The birth-rates are seen to be 2.22 and 3.27 for every hundred of the inhabitants, or 22.2 and 32.7 for every thousand

Sex.	Inhabitants in 1884 Represented by Births in 1886.	Births as Returned.	Births Corrected for Omissions in Enumerating.	Per Cent of Births to Inhabitants.	
				Births as Returned.	Births Corrected for Omissions.
Total	1,848,647	41,095	60,484	2.22	3.27

The average numbers of births for certain periods of time, including those in unknown month, as returned and as corrected for omissions in the enumeration are as follows :

Periods of Time.	Births as Returned.	Corrected for Omissions.	Corrected with 42.64 Per Cent.
Per quarter	10,274	15,121	14,654
Per month	3,425	5,040	4,885
Per week	790	1,163	1,127
Per day	113	166	161

Table 1 illustrates the effect of seasons of the year upon the birth-rate. The largest proportion or births was returned for the quarter ending with September, not only for each year of the table but also for the average for ten years. For 1886, 21.73 per cent of the births occurred in the first quarter, 25.53 in the second, 26.98 in the third, and 25.64 in the last quarter. These figures vary but little from those of the ten years average. The lower part of the table shows the number and proportion of births by quarters of the year when corrected for omissions in the enumeration.

TABLE 1.—*Births by Quarters of the Year for the Years 1883-1886, and the Average for Ten Years 1876-1885.*

Totals and Months with which Quarters end.	1883.		1884.		1885.		1886.		Average for 10 Years 1876-1885.	
	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.
Totals	40,809	100.00	40,408	100.00	42,119	100.00	41,095	100.00	36,735	100.00
As Returned. March	8,700	21.32	9,124	22.58	9,227	21.90	8,931	21.73	7,995	21.76
As Returned. June	10,455	25.62	10,317	25.53	10,694	25.39	10,490	25.53	9,021	24.56
As Returned. September	11,035	27.04	10,714	26.52	11,486	27.27	11,086	26.98	9,960	27.11
As Returned. December	10,577	25.92	10,204	25.25	10,676	25.35	10,537	25.64	9,712	26.44
As Returned. Unknown	42	.10	49	.12	36	.09	51	.12	47	.13
Average[a]	10,202	25.00	10,102	25.00	10,530	25.00	10,274	25.00	9,184	25.00
Totals	56,215	100.00	55,156	100.00	58,026	100.00	60,484	100.00	51,730	100.00
As Corrected for Omissions. March	13,482	23.98	13,932	25.26	14,278	24.61	15,050	24.88	12,762	24.67
As Corrected for Omissions. June	15,081	26.83	14,692	26.64	15,417	26.57	16,288	26.93	13,344	25.80
As Corrected for Omissions. September	14,689	26.13	14,118	25.59	15,267	26.31	15,664	25.90	13,535	26.16
As Corrected for Omissions. December	12,921	22.99	12,365	22.42	13,028	22.45	13,431	22.21	12,042	23.28
As Corrected for Omissions. Unknown	42	.07	49	.09	36	.06	51	.08	47	.09
Average[a]	14,054	25.00	13,789	25.00	14,507	25.00	15,121	25.00	12,932	25.00

[a] Number in unknown quarter of year included.

Table 2 shows the number and proportion of births, by months in order of greatest first, for each of the years 1884-1886 and the average for ten years 1876-1885. With the exception of the year 1885, the largest number of births was returned each year for the month of August, this being also true for the average. The smallest number was returned for January for each year and the average. It should be remembered however in this connection, that the number of births omitted in the enumeration is greatest in the earlier months of the year.

TABLE 2.—*Births during the years 1884–1886, according to the Returns, the Average for ten years 1876–1885, showing Number and Percentage, by months, in order of greatest first.*

Order.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Months.	Number.	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.	Months.	Number	Per Ct. of Total.	Months.	Number.	Per Ct. of Total.
	Total..	40,408	100.00	Total..	42,119	100.00	Total..	41,095	100.00	Total..	36,735	100.00
1	Aug....	3,673	9.09	Sept...	3,995	9.46	Aug....	3,781	9.20	Aug....	3,433	9.34
2	Sept...	3,559	8.81	Aug...	3,924	9.32	Dec....	3,727	9.07	Sept...	3,374	9.19
3	Dec....	3,544	8.77	May...	3,730	8.86	Sept...	3,707	9.02	Dec....	3,373	9.18
4	Mar....	3,498	8.66	Dec....	3,689	8.76	April..	3,640	8.86	Oct....	[illegible],272	8.91
5	July...	3,482	8.62	Oct....	3,624	8.60	July...	3,598	8.76	July...	3,153	8.58
6	May...	3,480	8.61	April..	3,618	8.59	Oct....	3,540	8.61	May...	3,087	8.40
7	Oct....	3,445	8.53	July...	3,567	8.47	May...	3,498	8.51	Nov...	3,067	8.35
8	April..	3,430	8.49	Mar...	3,553	8.39	March.	3,456	8.41	April..	3,022	8.23
9	June...	3,407	8.43	Nov....	3,363	7.99	June...	3,352	8.16	March.	3,006	8.18
10	Nov...	3,215	7.96	June...	3,346	7.94	Nov...	3,270	7.96	June...	2,912	7.93
11	Feb....	2,878	7.12	Feb....	2,987	7.09	Feb....	2,858	6.95	Feb....	2,542	6.92
12	Jan....	2,748	6.80	Jan....	2,707	6.43	Jan....	2,617	6.77	Jan....	2,447	6.66
	Unk...	49	.12	Unk...	36	.09	Unk...	51	.12	Unk...	47	.13
	Av.[a]...	3,367	8.33	Av.[a]...	3,510	8.33	Av.[a]...	3,425	8.33	Av.[a]...	3,061	8.33

[a] Including births in unknown month.

After the correction for omissions has been made, as is done in Table 3, the order of the months is seen to be somewhat different. April has the largest proportion in 1886 and March in the average for ten years. November has the least number for each year and the average.

TABLE 3.—*Births during the years 1884–1886, and Average for Ten Years 1876–1885, as Corrected for Omissions in the Enumeration, exhibiting the Number and Percentage, by Months, in order of greatest first.*

Order.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.
	Total..	55,156	100.00	Total..	58,026	100.00	Total..	60,484	100.00	Total..	51,730	100.00
1	Mar....	5,228	9.48	May...	5,374	9.26	Apr....	5,815	9.61	Mar....	4,686	9.06
2	Apr....	5,006	9.07	Mar....	5,349	9.22	Mar....	5,680	9.39	Aug....	4,686	9.06
3	May...	4,955	8.98	Apr....	5,345	9.20	May...	5,427	8.97	Apr....	4,589	8.87
4	Aug....	4,841	8.78	Aug....	5,221	9.00	Aug....	5,344	8.84	May...	4,563	8.82
5	June...	4,731	8.58	Sept....	5,169	8.91	July...	5,251	8.68	Sept...	4,454	8.61
6	July...	4,712	8.54	July...	4,877	8.40	Sept...	5,069	8.38	July...	4,412	8.53
7	Sept...	4,565	8.28	June...	4,698	8.10	June...	5,046	8.34	June...	4,192	8.10
8	Feb....	4,403	7.98	Feb....	4,632	7.98	Feb....	4,828	7.98	Oct....	4,189	8.10
9	Jan....	4,301	7.80	Oct....	4,556	7.85	Oct....	4,678	7.74	Feb....	4,085	7.86
10	Oct....	4,297	7.79	Dec....	4,367	7.53	Dec....	4,583	7.58	Dec....	4,049	7.83
11	Dec....	4,171	7.56	Jan....	4,297	7.42	Jan....	4,542	7.51	Jan....	4,011	7.75
12	Nov....	3,897	7.07	Nov....	4,105	7.07	Nov....	4,171	6.90	Nov....	3,804	7.35
	Unk....	49	.09	Unk....	36	.06	Unk....	51	.08	Unk....	47	.09
	Av. a...	4,596	8.33	Av. a...	4,836	8.33	Av. a...	5,040	8.33	Av. a...	4,311	8.33

a Including births in unknown month.

PROPORTION OF THE SEXES.

The proportion of males to females in this State for the year 1886 was 108 males to 100 females, which is the same as the average excess of male births during the period of sixteen years from 1870 to 1885.

The number of births in 1886, in which no sex was returned, was 63, the same number reported in 1885. Of this number, 24 were returned from the four counties of Calhoun, Genesee, Saginaw, and Tuscola. A little more care on the part of the enumerators would make more complete returns.

TABLE 4.—*Exhibiting, by Counties and by Sex, the Number of Births Returned for the Year, and in each month of the Year ending December 31, 1886. (Still-births included.)*

State and Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
State	Totals	41,095	2617	2858	3456	3640	3498	3352	3598	3781	3707	3540	3270	3727	51
	Males	21,332	1345	1484	1785	1900	1837	1732	1876	2014	1926	1820	1677	1911	25
	Females	19,700	1267	1373	1665	1734	1656	1616	1717	1761	1772	1718	1589	1811	21
	Unknown	63	5	1	6	6	5	4	5	6	9	2	4	5	5
Alcona	Totals	74	3	11	5	7	3	6	5	6	9	8	6	5	...
	Males	39	3	7	1	4	1	4	3	3	4	5	2	2	...
	Females	35	...	4	4	3	2	2	2	3	5	3	4	3	...
Alger	Totals	8	...	...	...	1	...	1	2	1	2	...	...	1	...
	Males	6	...	...	...	1	...	1	2	1	...	...	...	1	...
	Females	2	...	...	...	...	...	...	...	...	2	...	...	...	...
Allegan	Totals	709	51	50	46	56	73	43	67	76	65	72	60	49	1
	Males	377	32	23	30	28	40	27	28	38	36	37	32	26	...
	Females	331	19	27	16	28	33	16	39	38	28	35	28	23	1
	Unknown	1	...	...	...	...	...	...	...	...	1	...	...	...	...
Alpena	Totals	399	13	15	40	44	36	41	33	44	29	45	23	36	...
	Males	202	8	7	21	26	19	22	12	24	14	21	11	17	...
	Females	197	5	8	19	18	17	19	21	20	15	24	12	19	...
Antrim	Totals	199	10	16	16	26	21	17	13	20	14	19	20	7	...
	Males	96	8	6	8	13	11	7	7	10	7	9	8	2	...
	Females	103	2	10	8	13	10	10	6	10	7	10	12	5	...
Arenac	Totals	128	7	5	13	7	11	14	11	11	13	9	13	14	...
	Males	61	5	4	7	4	7	5	5	3	5	2	8	6	...
	Females	67	2	1	6	3	4	9	6	8	8	7	5	8	...
Baraga	Totals	73	6	6	13	8	10	4	3	9	2	5	6	1	...
	Males	35	2	2	6	4	4	3	3	8	1	...	2	...	...
	Females	38	4	4	7	4	6	1	...	1	1	5	4	1	...
Barry	Totals	380	26	21	29	41	32	38	31	35	29	33	39	26	...
	Males	199	13	8	14	21	21	19	18	14	16	19	25	11	...
	Females	181	13	13	15	20	11	19	13	21	13	14	14	15	...
Bay	Totals	1,430	109	102	114	128	126	128	121	137	136	101	104	123	1
	Males	759	61	56	55	69	64	70	69	74	75	53	54	58	1
	Females	671	48	46	59	59	62	58	52	63	61	48	50	65	...

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Benzie	Totals	111	2	8	14	12	10	13	6	16	10	9	4	7	...
	Males	57	1	4	6	6	8	4	4	9	7	3	1	4	...
	Females	53	1	4	8	6	2	9	2	7	3	6	2	3	...
	Unknown	1	...	...	...	...	...	...	...	...	...	...	1	...	...
Berrien	Totals	694	38	35	58	50	74	57	55	73	60	57	58	79	...
	Males	380	22	22	27	25	46	32	24	44	31	30	35	42	...
	Females	313	16	13	31	25	27	25	31	29	29	27	23	37	...
	Unknown	1	...	...	...	...	1	...	...	...	...	...	...	...	...
Branch	Totals	369	23	35	28	24	24	31	33	32	31	42	30	36	...
	Males	193	10	17	16	11	13	18	21	17	19	18	14	19	...
	Females	175	13	18	11	13	11	13	12	15	12	24	16	17	...
	Unknown	1	...	...	1	...	...	...	...	...	...	...	...	...	...
Calhoun	Totals	569	32	39	48	34	54	37	50	53	60	39	49	58	16
	Males	274	13	28	22	14	29	15	28	21	30	20	25	23	6
	Females	286	19	11	25	19	24	20	21	32	30	18	24	34	9
	Unknown	9	...	...	1	1	1	2	1	...	...	1	...	1	1
Cass	Totals	313	20	28	30	24	31	31	19	30	26	21	25	28	...
	Males	164	13	14	15	13	15	16	10	19	12	9	14	14	...
	Females	148	7	14	15	11	16	15	9	11	14	12	11	13	...
	Unknown	1	...	...	...	...	...	...	...	...	...	...	...	1	...
Charlevoix	Totals	159	8	7	10	15	11	19	18	25	10	12	13	11	...
	Males	89	5	3	6	7	2	9	10	15	8	9	9	6	...
	Females	70	3	4	4	8	9	10	8	10	2	3	4	5	...
Cheboygan	Totals	253	13	19	26	20	26	19	30	11	26	26	19	18	...
	Males	138	8	11	15	15	12	9	16	5	13	14	12	8	...
	Females	115	5	8	11	5	14	10	14	6	13	12	7	10	...
Chippewa	Totals	160	9	12	10	14	11	4	15	16	21	10	24	14	...
	Males	91	3	6	4	7	8	1	11	9	11	8	13	10	...
	Females	68	6	6	6	7	3	3	4	7	10	2	10	4	...
	Unknown	1	...	...	...	...	...	...	...	...	...	...	1	...	...
Clare	Totals	95	5	6	12	9	4	15	7	13	6	6	5	7	...
	Males	52	5	4	6	4	2	8	5	8	2	2	4	2	...
	Females	43	...	2	6	5	2	7	2	5	4	4	1	5	...
Clinton	Totals	486	23	35	35	41	54	49	40	44	48	44	34	39	...
	Males	243	12	14	18	17	32	21	21	29	22	15	23	19	...
	Females	242	11	21	17	24	22	27	19	15	26	29	11	20	...
	Unknown	1	...	...	...	...	...	1	...	...	...	...	...	...	...

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Crawford	Totals	45		1	3	5	11	7	4	3	4	1	4	1	---
	Males	20	1	-----	1	1	8	2	3	1	1	-----	2	-----	---
	Females	25	-----	1	2	4	3	5	1	2	3	1	2	1	---
Delta	Totals	276	19	29	25	41	31	18	25	17	19	22	13	16	1
	Males	128	5	19	8	21	13	8	15	11	5	10	4	9	---
	Females	145	12	10	17	20	18	10	10	6	14	12	9	7	---
	Unknown	3	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
Eaton	Totals	496	31	26	43	48	43	45	51	49	48	43	37	31	1
	Males	250	13	13	27	22	26	18	25	27	24	24	16	15	---
	Females	245	18	13	16	26	17	27	26	22	24	19	21	16	---
	Unknown	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
Emmet	Totals	135	8	12	13	14	14	14	16	12	7	8	6	11	---
	Males	75	6	4	4	8	11	9	12	6	4	4	2	5	---
	Females	60	2	8	9	6	3	5	4	6	3	4	4	6	---
Genesee	Totals	559	33	39	53	48	59	41	59	47	38	48	48	43	3
	Males	279	19	16	29	26	29	22	31	25	14	22	23	22	1
	Females	275	13	23	23	22	30	19	28	22	23	26	25	21	---
	Unknown	5	1	-----	1	-----	-----	-----	-----	-----	1	-----	-----	-----	2
Gladwin	Totals	56	2	8	5	8	2	2	4	4	8	3	2	8	---
	Males	32	-----	7	3	5	1	1	2	1	5	2	1	4	---
	Females	24	2	1	2	3	1	1	2	3	3	1	1	4	---
G'd Traverse	Totals	167	6	8	15	11	15	14	16	24	19	13	13	13	---
	Males	90	4	5	9	5	8	10	9	12	9	7	7	5	---
	Females	77	2	3	6	6	7	4	7	12	10	6	6	8	---
Gratiot	Totals	489	25	26	30	48	51	53	38	57	43	42	41	35	---
	Males	232	13	9	15	20	25	22	20	28	24	19	18	19	---
	Females	257	12	17	15	28	26	31	18	29	19	23	23	16	---
Hillsdale	Totals	402	23	23	39	32	30	38	28	33	36	35	35	49	1
	Males	199	13	15	20	15	12	18	12	18	18	16	18	23	1
	Females	203	10	8	19	17	18	20	16	15	18	19	17	26	---
Houghton	Totals	1,061	83	79	89	106	102	91	86	83	87	96	69	90	---
	Males	531	43	42	43	42	57	51	31	49	49	46	35	43	---
	Females	529	40	37	46	64	44	40	55	34	38	50	34	47	---
	Unknown	1	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	---

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Huron	Totals	800	52	57	58	63	72	65	88	68	76	69	67	63	2
	Males	412	25	31	28	31	32	39	47	36	33	38	41	29	2
	Females	387	27	26	30	32	40	26	40	32	43	31	26	34	...
	Unknown	1	...	...	...	...	...	...	1	...	...	...	...	...	...
Ingham	Totals	494	24	33	28	31	41	41	56	55	46	50	38	51	...
	Males	259	9	17	12	20	22	21	33	30	23	26	20	26	...
	Females	234	15	16	16	11	19	20	23	25	23	23	18	25	...
	Unknown	1	...	...	...	...	...	...	...	...	...	1	...	...	...
Ionia	Totals	526	42	29	57	39	48	48	53	52	45	43	35	35	...
	Males	256	20	12	26	15	25	24	31	24	25	20	17	17	...
	Females	270	22	17	31	24	23	24	22	28	20	23	18	18	...
Iosco	Totals	433	27	32	33	50	39	36	43	34	27	41	27	44	...
	Males	218	16	19	19	25	21	22	20	15	13	18	13	17	...
	Females	214	11	13	14	25	18	14	23	19	13	23	14	27	...
	Unknown	1	...	...	...	...	...	...	...	...	1	...	...	...	...
Iron	Totals	36	...	2	1	5	1	6	5	5	3	2	3	3	...
	Males	20	...	1	1	4	...	2	2	3	1	2	2	2	...
	Females	14	...	1	...	1	...	4	3	2	2	...	...	1	...
	Unknown	2	...	...	...	...	1	...	...	...	...	...	1	...	...
Isabella	Totals	387	31	19	41	33	27	39	31	42	30	34	23	36	1
	Males	190	14	10	18	15	16	21	15	23	13	15	12	18	...
	Females	196	17	9	23	18	11	18	16	19	17	19	11	17	1
	Unknown	1	...	...	...	...	...	...	...	...	...	...	...	1	...
Jackson	Totals	715	61	59	58	65	45	53	54	78	61	69	54	58	...
	Males	356	30	34	30	31	22	26	26	40	32	32	26	27	...
	Females	359	31	25	28	34	23	27	28	38	29	37	28	31	...
Kalamazoo	Totals	612	44	37	57	53	39	72	52	57	58	53	37	53	...
	Males	296	23	16	21	27	21	37	25	27	28	30	19	22	...
	Females	315	21	21	36	25	18	35	27	30	30	23	18	31	...
	Unknown	1	...	...	...	1	...	...	...	...	...	...	...	...	...
Kalkaska	Totals	70	3	4	5	4	7	6	12	8	7	8	4	2	...
	Males	39	1	1	3	2	2	4	7	5	3	6	4	1	...
	Females	31	2	3	2	2	5	2	5	3	4	2	...	1	...
Kent	Totals	2,132	135	134	194	172	161	166	152	196	208	211	174	229	...
	Males	1,096	63	64	107	85	84	88	72	105	112	105	92	119	...
	Females	1,036	72	70	87	87	77	78	80	91	96	106	82	110	...

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886,												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Keweenaw	Totals	139	12	13	12	10	16	16	13	9	7	8	11	12	...
	Males	76	3	5	10	7	6	10	7	4	5	6	5	8	...
	Females	61	8	8	2	3	10	6	6	5	2	2	5	4	...
	Unknown	2	1	...	...	...	...	...	...	...	...	...	1	...	...
Lake	Totals	112	5	7	5	13	10	15	15	11	8	10	8	5	...
	Males	68	3	5	3	7	7	10	9	5	6	6	4	3	...
	Females	44	2	2	2	6	3	5	6	6	2	4	4	2	...
Lapeer	Totals	641	42	44	54	51	62	48	56	62	57	53	51	61	...
	Males	340	17	24	35	26	29	29	28	30	33	29	28	32	...
	Females	301	25	20	19	25	33	19	28	32	24	24	23	29	
Leelanaw	Totals	187	11	15	21	19	16	16	14	18	13	20	9	15	...
	Males	89	6	5	14	8	8	8	9	9	7	5	4	6	...
	Females	98	5	10	7	11	8	8	5	9	6	15	5	9	...
Lenawee	Totals	703	56	51	58	47	37	63	63	51	75	68	65	69	...
	Males	353	21	19	33	29	18	38	32	35	35	29	28	36	...
	Females	350	35	32	25	18	19	25	31	16	40	39	37	33	...
Livingston	Totals	324	21	24	26	24	28	30	30	35	27	23	36	20	...
	Males	173	12	10	11	15	16	20	16	17	18	12	18	8	...
	Females	151	9	14	15	9	12	10	14	18	9	11	18	12	...
Mackinac	Totals	73	5	5	2	9	10	8	4	6	7	2	5	10	...
	Males	35	...	...	1	2	3	7	...	4	4	2	4	8	...
	Females	38	5	5	1	7	7	1	4	2	3	...	1	2	...
Macomb	Totals	681	38	41	48	68	58	68	62	65	75	48	50	60	...
	Males	367	18	19	30	37	30	32	34	40	38	28	34	27	...
	Females	314	20	22	18	31	28	36	28	25	37	20	16	33	...
Manistee	Totals	527	21	37	38	46	47	37	52	45	46	44	50	63	1
	Males	290	15	17	26	25	24	21	21	25	22	22	29	42	1
	Females	237	6	20	12	21	23	16	31	20	24	22	21	21	...
Manitou	Totals	19	1	2	...	3	3	2	2	2	...	1	2	1	...
	Males	10	...	...	...	1	2	2	2	2	...	...	1	...	...
	Females	9	1	2	...	2	1	...	...	...	...	1	1	1	...
Marquette	Totals	1,085	52	78	101	95	84	91	91	115	92	86	90	110	...
	Males	534	31	37	44	45	44	44	43	57	45	43	46	55	...
	Females	551	21	41	57	50	40	47	48	58	47	43	44	55	...

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Unknown.
Mason	Totals	330	23	27	34	28	32	16	29	27	21	31	26	34	2
	Males	186	18	20	19	16	14	9	17	9	16	17	13	17	1
	Females	142	5	7	15	12	17	7	12	17	5	14	13	17	1
	Unknown	2	----	----	----	----	1	----	----	1	----	----	----	----	---
Mecosta	Totals	381	21	26	24	38	33	28	49	24	37	32	33	36	---
	Males	198	12	10	14	24	16	15	25	14	24	14	15	15	---
	Females	183	9	16	10	14	17	13	24	10	13	18	18	21	---
Menominee	Totals	739	50	60	70	67	53	76	64	68	54	48	47	71	11
	Males	408	31	37	36	35	31	40	32	35	31	32	24	36	8
	Females	328	19	23	33	31	22	36	31	33	23	16	23	35	3
	Unknown	3	----	----	1	1	----	----	1	----	----	----	----	----	---
Midland	Totals	206	12	13	26	27	17	15	11	18	19	13	21	14	---
	Males	108	6	6	10	13	13	10	3	10	7	7	12	11	---
	Females	98	6	7	16	14	4	5	8	8	12	6	9	3	---
Missaukee	Totals	113	10	10	14	10	8	5	6	9	12	5	10	14	---
	Males	56	7	6	3	3	6	2	3	5	8	3	3	7	---
	Females	57	3	4	11	7	2	3	3	4	4	2	7	7	---
Monroe	Totals	754	42	52	73	74	68	54	64	66	58	69	68	66	---
	Males	369	21	26	39	39	31	25	27	26	28	38	43	26	---
	Females	385	21	26	34	35	37	29	37	40	30	31	25	40	---
Montcalm	Totals	600	25	36	36	62	55	55	57	62	64	47	43	58	---
	Males	313	14	24	26	27	33	24	29	35	35	21	19	26	---
	Females	287	11	12	10	35	22	31	28	27	29	26	24	32	---
Montmorency	Totals	22	----	2	1	4	2	3	2	2	2	3	----	1	---
	Males	12	----	2	1	1	1	2	2	----	----	2	----	1	---
	Females	10	----	----	----	3	1	1	----	2	2	1	----	----	---
Muskegon	Totals	982	70	70	111	105	68	75	72	68	99	86	72	86	---
	Males	502	37	30	45	69	37	41	40	35	59	40	29	40	---
	Females	480	33	40	66	36	31	34	32	33	40	46	43	46	---
Newaygo	Totals	357	36	36	24	43	48	29	32	28	34	16	14	17	---
	Males	185	24	20	13	21	27	15	17	12	10	10	7	9	---
	Females	172	12	16	11	22	21	14	15	16	24	6	7	8	---
Oakland	Totals	551	31	32	41	46	33	52	47	54	58	49	52	56	---
	Males	284	16	18	22	21	15	26	26	31	28	21	28	32	---
	Females	266	15	14	19	25	18	26	21	23	29	28	24	24	---
	Unknown	1	----	----	----	----	----	----	----	----	1	----	----	----	---

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Oceana	Totals	252	11	13	22	21	26	30	34	20	28	14	10	23	...
	Males	132	4	8	11	11	16	12	18	10	16	6	7	13	...
	Females	120	7	5	11	10	10	18	16	10	12	8	3	10	...
Ogemaw	Totals	87	8	5	9	8	10	5	9	10	2	12	5	3	1
	Males	41	6	2	4	4	5	2	2	5	1	7	2	1	...
	Females	46	2	3	5	4	5	3	7	5	1	5	3	2	1
Ontonagon	Totals	83	8	6	10	8	6	3	7	9	5	5	9	7	...
	Males	32	2	3	3	3	1	2	4	2	3	2	2	5	...
	Females	50	6	3	7	5	5	1	3	7	1	3	7	2	...
	Unknown	1	...	...	...	...	...	...	...	...	1	...	...	...	...
Osceola	Totals	342	22	12	23	34	36	34	39	31	32	32	28	19	...
	Males	171	11	4	10	18	13	21	15	19	19	19	12	10	...
	Females	171	11	8	13	16	23	13	24	12	13	13	16	9	...
Oscoda	Totals	21	1	1	2	1	4	2	1	3	2	2	1	1	...
	Males	15	1	...	2	1	2	2	1	2	1	1	1	1	...
	Females	6	...	1	...	...	2	...	...	1	1	1	...	...	...
Otsego	Totals	51	4	3	3	4	7	4	1	6	7	5	4	3	...
	Males	24	2	1	...	2	5	1	1	3	3	2	2	2	...
	Females	27	2	2	3	2	2	3	...	3	4	3	2	1	...
Ottawa	Totals	880	63	65	71	90	83	56	84	97	77	70	62	62	...
	Males	455	35	34	37	52	45	28	35	55	38	37	31	28	...
	Females	424	28	31	34	38	38	28	49	41	39	33	31	34	...
	Unknown	1	...	...	...	...	...	...	...	1	...	...	...	...	...
Presque Isle	Totals	124	8	7	4	14	8	15	7	9	11	17	11	12	1
	Males	61	3	3	4	7	3	8	6	4	5	5	6	7	...
	Females	63	5	4	...	7	5	7	1	5	6	12	5	5	1
Roscommon	Totals	23	...	3	2	2	1	1	1	1	4	4	1	3	...
	Males	13	...	2	...	1	1	1	...	1	3	1	1	2	...
	Females	10	...	1	2	1	...	...	1	...	1	3	...	1	...
Saginaw	Totals	1,920	121	160	181	162	164	157	158	177	156	149	147	188	...
	Males	1,007	49	85	102	94	91	80	82	93	77	78	77	99	...
	Females	908	72	75	78	68	73	77	76	82	77	71	70	89	...
	Unknown	5	...	...	1	...	...	...	...	2	2	...	...	...	...
Sanilac	Totals	787	52	49	67	76	75	67	60	51	77	83	68	62	...
	Males	394	24	24	37	42	37	25	36	23	37	48	31	30	...
	Females	392	28	25	30	34	38	41	24	28	40	35	37	32	...
	Unknown	1	...	...	...	...	...	1	...	...	...	...	...	...	...

TABLE 4.—CONTINUED.—*Births by Counties, by Months, and by Sex.*

Counties.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Schoolcraft	Totals	43	3	3	1	3	4	2	4	3	3	3	5	4	5
	Males	25	1	3	-----	2	2	-----	3	2	3	2	2	3	2
	Females	18	2	-----	1	1	2	2	1	1	-----	1	3	1	3
Shiawassee	Totals	453	15	30	29	41	38	32	36	43	52	37	43	57	---
	Males	255	6	18	16	24	22	19	19	33	24	18	27	29	---
	Females	198	9	12	13	17	16	13	17	10	28	19	16	28	---
St. Clair	Totals	1,037	73	66	86	85	85	90	84	83	99	105	84	95	2
	Males	557	37	31	44	54	41	42	48	51	53	59	40	55	2
	Females	477	36	35	42	30	44	48	36	31	46	46	44	39	---
	Unknown	5	-----	-----	-----	1	-----	-----	-----	1	-----	-----	-----	1	---
St. Joseph	Totals	411	31	32	22	40	42	27	38	43	32	39	34	31	---
	Males	220	15	21	7	22	21	13	27	21	17	17	20	19	---
	Females	190	16	11	15	18	21	14	10	22	15	22	14	12	---
	Unknown	1	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	---
Tuscola	Totals	789	58	57	69	86	65	53	81	69	59	73	57	61	1
	Males	404	31	34	33	34	35	24	39	41	35	40	29	29	---
	Females	380	27	23	35	51	30	29	42	27	22	33	28	32	1
	Unknown	5	-----	-----	1	1	-----	-----	-----	1	2	-----	-----	-----	---
Van Buren	Totals	508	28	40	36	33	56	32	55	58	49	41	46	34	---
	Males	278	14	23	17	17	34	19	30	29	23	27	24	21	---
	Females	230	14	17	19	16	22	13	25	29	26	14	22	13	---
Washtenaw	Totals	637	35	47	65	62	49	31	60	64	48	68	50	58	---
	Males	316	15	22	33	33	24	12	32	32	31	25	26	31	---
	Females	320	19	25	32	29	25	19	28	32	17	43	24	27	---
	Unknown	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
Wayne	Totals	6,388	422	452	524	527	484	464	551	564	605	558	558	679	---
	Males	3,427	222	243	281	291	251	244	314	300	318	315	269	379	---
	Females	2,957	200	208	243	235	233	220	236	264	287	2	289	299	---
	Unknown	4	-----	1	-----	1	-----	-----	1	-----	-----	-----	-----	1	---
Wexford	Totals	233	22	19	17	17	18	23	21	19	27	12		16	---
	Males	116	13	12	8	8	8	11	7	11	11	8	10	9	---
	Females	117	9	7	9	9	10	12	14	8	16	4	12	7	---

If the statistics of population could be oftener and more accurately obtained for the study of such data as is presented in Table 5, it would be far more interesting and valuable. As it is the population of the State in 1884 must be used as a basis for calculations.

The birth-rates among the different races may here be studied, and by moving the decimal point one place to the right it will show the rates for each thousand inhabitants. The birth-rate among the black and mulatto inhabitants, which includes all of African descent, is much smaller than the average for all races.

In Table 6 may be found, for each county of the State, the proportion of the sexes, the inhabitants in 1884, the birth-rates and the color of children born in Michigan during the year 1886. An opportunity is here given of comparing the birth-rate in each county with that of the State as a whole, and also of noting the difference in the birth-rates of the various counties. According to this table, the total number of births in 1886 was 2.22 per cent of the number of inhabitants in 1884, the number of male births was 2.20 per cent of the male inhabitants, and the number of female births was 2.25 per cent of the female inhabitants.

The counties showing the highest birth-rate for the year 1886 were Alpena, Gladwin, Houghton, Huron, Iosco, and Menominee, while the counties of Allegan, Barry, Berrien, Branch, Eaton, Genesee, Hillsdale, Lenawee, and Oakland show a birth-rate considerably less than that of the entire State.

The number of births returned for 1886 without the statement of the color of the children being given was only 14.

TABLE 5.—*Exhibiting, by Color and Sex, the Population of Michigan, June 1, 1884, the number of Births returned for the year 1886, the Per Cent of Births to Population and the Per Cent of Births of each Sex to the total of both Sexes. (Still-births included.)*

Race or Color.	Sex.	Population, June 1, 1884, Represented by Births in 1886.	Children Born in 1886.	Per Cent of Births of each Color to total of all Colors by Sex.	Per Cent of Children Born to Inhabitants.	Per Cent of each Sex to Children of both Sexes.	Inhabitants to one Child born, by Color and Sex.
All colors	Totals	[a] 1,848,647	41,095	100.00	2.22	.....	44.99
	Males	971,534	21,332	100.00	2.20	51.99	45.54
	Females	876,907	19,700	100.00	2.25	48.01	44.51
	Unknown	206	63	100.00	.....	.....	.....
White	Totals	1,825,784	40,768	99.20	2.23	.....	44.78
	Males	959,640	21,167	99.23	2.21	51.98	45.34
	Females	866,134	19,553	99.26	2.26	48.02	44.30
	Unknown	10	48	76.19	.....	.....	.....
Black	Totals	6,851	87	.21	1.27	.....	78.75
	Males	3,689	41	.19	1.11	47.13	89.98
	Females	3,162	46	.23	1.45	52.87	68.74
Mulatto	Totals	8,246	113	.28	1.37	.....	72.97
	Males	4,197	61	.29	1.45	54.46	68.80
	Females	4,049	51	.26	1.26	45.54	79.39
	Unknown	.....	1	1.59	.....	.....	.....
Indian	Totals	6,674	113	.28	1.69	.....	59.06
	Males	3,473	63	.29	1.81	55.75	55.13
	Females	3,201	50	.25	1.56	44.25	64.02
Unknown color	Totals	1,022	14	.03	1.37	.....	73.00
	Males	465	.....	.....	.....	.....	.....
	Females	361	.....	.....	.....	.....	.....
	Unknown	196	14	22.22	.....	.....	.....
Black and Mulatto	Totals	15,097	200	.49	1.32	.....	75.49
	Males	7,886	102	.48	1.29	51.26	77.12
	Females	7,211	97	.49	1.35	48.74	74.34
	Unknown	.....	1	1.59	.....	.....	.....

[a] Includes 70 Asiatic males.

TABLE 6.—*Exhibiting, for the State and Counties of Michigan, by Sex, the Population in 1884, the Per Cent of Births in 1886 to Population, the Number of Males to 100 Females born during the year 1886, and by Sex and Color, the Births returned for 1886.* (*Still-births included.*)

State and Counties.	Births,-Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
State	108	Totals	.....	1,848,647	2.22	41,095	40,768	87	113	113	14
		Males	51.99	971,534	2.20	21,332	21,167	41	61	63	.....
		Females	48.01	876,907	2.25	19,700	19,553	46	51	50	.....
		Unknown	.....	206	.....	63	48	.....	1	.....	14
Alcona	111	Totals	.....	4,028	1.84	74	74	.....	.....	.....	.....
		Males	52.70	2,428	1.61	39	39	.....	.....	.....	.....
		Females	47.30	1,600	2.19	35	35	.....	.....	.....	.....
Alger *	300	Totals	.....	.....	.....	8	8	.....	.....	.....	.....
		Males	75.00	.....	.....	6	6	.....	.....	.....	.....
		Females	25.00	.....	.....	2	2	.....	.....	.....	.....
Allegan	114	Totals	.....	38,666	1.83	709	702	.....	3	4	.....
		Males	53.25	20,052	1.88	377	372	.....	2	3	.....
		Females	46.75	18,614	1.78	331	329	.....	1	1	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Alpena	103	Totals	.....	12,683	3.15	399	398	1	.....	.....	.....
		Males	50.63	6,990	2.89	202	201	1	.....	.....	.....
		Females	49.37	5,693	3.46	197	197	.....	.....	.....	.....
Antrim	93	Totals	.....	8,761	2.27	199	199	.....	.....	.....	.....
		Males	48.24	4,736	2.03	96	96	.....	.....	.....	.....
		Females	51.76	4,025	2.56	103	103	.....	.....	.....	.....
Arenac	91	Totals	.....	4,027	3.18	128	125	.....	.....	3	.....
		Males	47.66	2,319	2.63	61	60	.....	.....	1	.....
		Females	52.34	1,708	3.92	67	65	.....	.....	2	.....
Baraga	92	Totals	.....	3,039	2.40	73	61	.....	.....	12	.....
		Males	47.95	1,819	1.92	35	26	.....	.....	9	.....
		Females	52.05	1,220	3.11	38	35	.....	.....	3	.....
Barry	110	Totals	.....	24,102	1.58	380	380	.....	.....	.....	.....
		Males	52.37	12,507	1.59	199	199	.....	.....	.....	.....
		Females	47.63	11,595	1.56	181	181	.....	.....	.....	.....

* Organized since census was taken.

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,-Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Bay	113	Totals	.....	51,221	2.79	1,430	1,425	5	.....	.....	.....
		Males	53.08	28,215	2.69	759	758	1	.....	.....	.....
		Females	46.92	23,006	2.92	671	667	4	.....	.....	.....
Benzie	108	Totals	.....	4,389	2.53	111	109	1	1	.....	.....
		Males	51.82	2,349	2.43	57	56	1	.....	.....	.....
		Females	48.18	2,040	2.60	53	53	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	.....	.....	1	.....	.....
Berrien	121	Totals	.....	37,776	1.84	694	690	1	2	1	.....
		Males	54.83	19,225	1.98	380	378	.....	1	1	.....
		Females	45.17	18,551	1.69	313	311	1	1	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Branch	110	Totals	.....	27,661	1.33	369	369	.....	.....	.....	.....
		Males	52.45	14,042	1.37	193	193	.....	.....	.....	.....
		Females	47.55	13,619	1.28	175	175	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Calhoun	96	Totals	.....	41,585	1.37	569	561	.....	6	.....	2
		Males	48.93	21,297	1.29	274	271	.....	3	.....	.....
		Females	51.07	20,285	1.41	286	283	.....	3	.....	.....
		Unknown	.....	3	.....	9	7	.....	.....	.....	2
Cass	111	Totals	.....	21,202	1.48	313	291	1	20	1	.....
		Males	52.56	10,886	1.51	164	152	.....	12	.....	.....
		Females	47.44	10,316	1.43	148	138	1	8	1	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Charlevoix	127	Totals	.....	9,275	1.71	159	158	.....	.....	1	.....
		Males	55.97	5,030	1.77	89	89	.....	.....	.....	.....
		Females	44.03	4,245	1.65	70	69	.....	.....	1	.....
Cheboygan	120	Totals	.....	9,665	2.62	253	252	.....	.....	1	.....
		Males	54.55	5,337	2.59	138	137	.....	.....	1	.....
		Females	45.45	4,328	2.66	115	115	.....	.....	.....	.....
Chippewa	134	Totals	.....	6,961	2.30	160	155	.....	.....	5	.....
		Males	57.23	3,902	2.33	91	90	.....	.....	1	.....
		Females	42.77	3,059	2.22	68	64	.....	.....	4	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,—Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Clare	121	Totals	.....	5,549	1.71	95	95	.....	.....	.....	.....
		Males	54.74	3,251	1.60	52	52	.....	.....	.....	.....
		Females	45.26	2,298	1.87	43	43	.....	.....	.....	.....
Clinton	100	Totals	.....	27,135	1.79	486	486	.....	.....	.....	.....
		Males	50.10	14,034	1.73	243	243	.....	.....	.....	.....
		Females	49 90	13,101	1.85	242	242	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Crawford	80	Totals	.....	2,389	1.88	45	45	.....	.....	.....	.....
		Males	44.44	1,381	1.45	20	20	.....	.....	.....	.....
		Females	55.56	1,008	2.48	25	25	.....	.....	.....	.....
Delta	88	Totals	.....	9,726	2.84	276	276	.....	.....	.....	.....
		Males	46.89	5,720	2.24	128	128	.....	.....	.....	.....
		Females	53.11	4,006	3.62	145	145	.....	.....	.....	.....
		Unknown	.....	.....	.....	3	3	.....	.....	.....	.....
Eaton	102	Totals	.....	31,802	1.56	496	494	.....	1	.....	1
		Males	50.51	16,210	1.54	250	250	.....	.....	.....	.....
		Females	49.49	15,592	1.57	245	244	.....	1	.....	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Emmet	125	Totals	.....	7,944	1.70	135	95	.....	.....	40	.....
		Males	55.56	4,095	1.83	75	50	.....	.....	25	.....
		Females	44.44	3,849	1.56	60	45	.....	.....	15	.....
Genesee	101	Totals	.....	38,776	1.44	559	552	.....	7	.....	.....
		Males	50.36	19,782	1.41	279	278	.....	1	.....	.....
		Females	49.64	18,994	1.45	275	269	.....	6	.....	.....
		Unknown	.....	.....	.....	5	5	.....	.....	.....	.....
Gladwin	133	Totals	.....	1,539	3.64	56	56	.....	.....	.....	.....
		Males	57.14	899	3.56	32	32	.....	.....	.....	.....
		Females	42.86	640	3.75	24	24	.....	.....	.....	.....
G'd Traverse	117	Totals	.....	11,079	1.51	167	165	1	.....	1	.....
		Males	53.89	5,967	1.51	90	90	.....	.....	.....	.....
		Females	46.11	5,112	1.51	77	75	1	.....	1	.....
Gratiot	90	Totals	.....	25,049	1.95	489	489	.....	.....	.....	.....
		Males	47.44	13,204	1.76	232	232	.....	.....	.....	.....
		Females	52.56	11,845	2.17	257	257	.....	.....	.....	.....
Hillsdale	98	Totals	.....	31,686	1.27	402	401	1	.....	.....	.....
		Males	49.50	15,911	1.26	199	198	1	.....	.....	.....
		Females	50.50	15,775	1.29	203	203	.....	.....	.....	.....

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,—Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886. Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Houghton	100	Totals	.....	26,146	4.06	1,061	1,061	.....	.....	.....	.....
		Males	50.09	14,168	3.75	531	531	.....	.....	.....	.....
		Females	49.91	11,978	4.42	529	529	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Huron	106	Totals	.....	24,521	3.26	800	800	.....	.....	.....	.....
		Males	51.56	12,934	3.19	412	412	.....	.....	.....	.....
		Females	48.44	11,585	3.34	387	387	.....	.....	.....	.....
		Unknown	.....	2	.....	1	1	.....	.....	.....	.....
Ingham	111	Totals	.....	34,939	1.41	494	486	6	2	.....	.....
		Males	52.54	17,917	1.45	259	255	2	2	.....	.....
		Females	47.46	17,022	1.37	234	230	4	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Ionia	95	Totals	.....	32,559	1.62	526	522	1	3	.....	.....
		Males	48.67	17,057	1.50	256	256	.....	.....	.....	.....
		Females	51.33	15,502	1.74	270	266	1	3	.....	.....
Iosco	102	Totals	.....	10,602	4.08	433	432	.....	1	.....	.....
		Males	50.46	6,060	3.60	218	217	.....	1	.....	.....
		Females	49.54	4,542	4.71	214	214	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Iron [a]	143	Totals	.....	.....	.....	36	35	.....	.....	.....	1
		Males	58.82	.....	.....	20	20	.....	.....	.....	.....
		Females	41.18	.....	.....	14	14	.....	.....	.....	.....
		Unknown	.....	.....	.....	2	1	.....	.....	.....	1
Isabella	97	Totals	.....	16,011	2.42	387	380	1	.....	5	1
		Males	49.22	8,597	2.21	190	186	.....	.....	4	.....
		Females	50.78	7,414	2.64	196	194	1	.....	1	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Jackson	99	Totals	.....	45,232	1.58	715	713	2	.....	.....	.....
		Males	49.79	23,385	1.52	356	355	1	.....	.....	.....
		Females	50.21	21,847	1.64	359	358	1	.....	.....	.....
Kalamazoo	94	Totals	.....	35,281	1.73	612	604	4	4	.....	.....
		Males	48.45	17,875	1.66	296	294	.....	2	.....	.....
		Females	51.55	17,406	1.81	315	309	4	2	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Kalkaska	126	Totals	.....	4,493	1.56	70	70	.....	.....	.....	.....
		Males	55.71	2,470	1.58	39	39	.....	.....	.....	.....
		Females	44.29	2,023	1.53	31	31	.....	.....	.....	.....

[a] Organized since census was taken.

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,-Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886.					
						Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Kent	106	Totals	.....	84,600	2.52	2,132	2,120	7	5	.....	.....
		Males	51 41	43,467	2.52	1,096	1,089	3	4	.....	.....
		Females	48.59	41,133	2.52	1,036	1,031	4	1	.....	.....
Keweenaw	125	Totals	.....	4,667	2.98	139	139	.....	.....	.....	.....
		Males	55.47	2,551	2.98	76	76	.....	.....	.....	.....
		Females	44.53	2,116	2.88	61	61	.....	.....	.....	.....
		Unknown	.....	.....	.....	2	2	.....	.....	.....	.....
Lake	155	Totals	.....	7,539	1.49	112	112	.....	.....	.....	.....
		Males	60.71	4,528	1.50	68	68	.....	.....	.....	.....
		Females	39.29	3,011	1.46	44	44	.....	.....	.....	.....
Lapeer	113	Totals	.....	30,057	2.13	641	639	1	1	.....	.....
		Males	53.04	15,568	2.18	340	339	1	.....	.....	.....
		Females	46.96	14,489	2.08	301	300	.....	1	.....	.....
Leelanaw	91	Totals	.....	7,128	2.62	187	165	.....	.....	22	.....
		Males	47.59	3,842	2.32	89	79	.....	.....	10	.....
		Females	52.41	3,286	2.98	98	86	.....	.....	12	.....
Lenawee	101	Totals	.....	49,584	1.42	703	699	4	.....	.....	.....
		Males	50.21	24,916	1.42	353	350	3	.....	.....	.....
		Females	49.79	24,668	1.42	350	349	1	.....	.....	.....
Livingston	115	Totals	.....	21,568	1.50	324	323	1	.....	.....	.....
		Males	53.40	11,254	1.54	173	173	.....	.....	.....	.....
		Females	46.60	10,314	1.46	151	150	1	.....	.....	.....
Mackinac	92	Totals	.....	4,696	1.55	73	66	.....	.....	7	.....
		Males	47.95	2,666	1.31	35	34	.....	.....	1	.....
		Females	52.05	2,030	1.87	38	32	.....	.....	6	.....
Macomb	117	Totals	.....	31,293	2.18	681	681	.....	.....	.....	.....
		Males	53.89	15,978	2.30	367	367	.....	.....	.....	.....
		Females	46.11	15,315	2.05	314	314	.....	.....	.....	.....
Manistee	122	Totals	.....	19,875	2.65	527	527	.....	.....	.....	.....
		Males	55.03	10,879	2.67	290	290	.....	.....	.....	.....
		Females	44.97	8,996	2.63	237	237	.....	.....	.....	.....
Manitou	111	Totals	.....	1,198	1.59	19	19	.....	.....	.....	.....
		Males	52.63	547	1.83	10	10	.....	.....	.....	.....
		Females	47.37	456	1.97	9	9	.....	.....	.....	.....
		Unknown	.....	195	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,—Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886. Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Marquette	97	Totals	.....	31,027	3.50	1,085	1,085	.....	.....	.....	.....
		Males	49.22	17,375	3.07	534	534	.....	.....	.....	.....
		Females	50.78	13,652	4.04	551	551	.....	.....	.....	.....
Mason	131	Totals	.....	13,221	2.50	330	322	1	.....	7	.....
		Males	56.71	7,232	2.57	186	180	1	.....	5	.....
		Females	43.29	5,989	2.37	142	140	.....	.....	2	.....
		Unknown	.....	.....	.....	2	2	.....	.....	.....	.....
Mecosta	108	Totals	.....	20,303	1.88	381	381	.....	.....	.....	.....
		Males	51.97	11,109	1.78	198	198	.....	.....	.....	.....
		Females	48.03	9,194	1.99	183	183	.....	.....	.....	.....
Menominee	124	Totals	.....	19,120	3.87	739	738	.....	.....	.....	1
		Males	55.43	11,488	3.55	408	408	.....	.....	.....	.....
		Females	44.57	7,632	4.30	328	328	.....	.....	.....	.....
		Unknown	.....	.....	.....	3	2	.....	.....	.....	1
Midland	110	Totals	.....	8,776	2.35	206	206	.....	.....	.....	.....
		Males	52.43	4,728	2.28	108	108	.....	.....	.....	.....
		Females	47.57	4,048	2.42	98	98	.....	.....	.....	.....
Missaukee	98	Totals	.....	3,386	3.34	113	113	.....	.....	.....	.....
		Males	49.56	2,036	2.75	56	56	.....	.....	.....	.....
		Females	50.44	1,350	4.22	57	57	.....	.....	.....	.....
Monroe	96	Totals	.....	33,353	2.26	754	752	2	.....	.....	.....
		Males	48.94	17,186	2.15	369	367	2	.....	.....	.....
		Females	51.06	16,167	2.38	385	385	.....	.....	.....	.....
Montcalm	109	Totals	.....	35,356	1.70	600	598	.....	2	.....	.....
		Males	52.17	18,774	1.67	313	312	.....	1	.....	.....
		Females	47.83	16,581	1.73	287	286	.....	1	.....	.....
		Unknown	.....	1	.....	.....	.....	.....	.....	.....	.....
Montmorency	120	Totals	.....	845	2.60	22	22	.....	.....	.....	.....
		Males	64.71	494	2.43	12	12	.....	.....	.....	.....
		Females	35.29	351	2.85	10	10	.....	.....	.....	.....
Muskegon	105	Totals	.....	37,554	2.61	982	980	2	.....	.....	.....
		Males	51.12	20,522	2.45	502	501	1	.....	.....	.....
		Females	48.88	17,029	2.82	480	479	1	.....	.....	.....
		Unknown	.....	3	.....	.....	.....	.....	.....	.....	.....
Newaygo	108	Totals	.....	18,996	1.88	357	355	.....	2	.....	.....
		Males	51.82	10,684	1.73	185	185	.....	.....	.....	.....
		Females	48.18	8,312	2.07	172	170	.....	2	.....	.....

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties.	Births,—Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color,—Children born in 1886. Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Oakland	107	Totals	.....	41,100	1.34	551	543	4	4	.....	.....
		Males	51.64	20,821	1.36	284	281	2	1	.....	.....
		Females	48.36	20,279	1.31	266	261	2	3	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Oceana	110	Totals	.....	14,519	1.74	252	250	.....	.....	2	.....
		Males	52.38	7,859	1.68	132	131	.....	.....	1	.....
		Females	47.62	6,660	1.80	120	119	.....	.....	1	.....
Ogemaw	89	Totals	.....	3,637	2.39	87	87	.....	.....	.....	.....
		Males	47.13	2,041	2.01	41	41	.....	.....	.....	.....
		Females	52.87	1,596	2.88	46	46	.....	.....	.....	.....
Ontonagon	64	Totals	.....	4,836	1.72	83	81	.....	2	.....	.....
		Males	39.02	3,329	.96	32	32	.....	.....	.....	.....
		Females	60.98	1,507	3.32	50	48	.....	2	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Osceola	100	Totals	.....	14,001	2.44	342	341	.....	.....	1	.....
		Males	50.00	7,533	2,27	171	170	.....	.....	1	.....
		Females	50.00	6,468	2.64	171	171	.....	.....	.....	.....
Oscoda	250	Totals	.....	1,374	1.53	21	20	1	.....	.....	.....
		Males	71.43	798	1.88	15	14	1	.....	.....	.....
		Females	28.57	576	1.04	6	6	.....	.....	.....	.....
Otsego	89	Totals	.....	3,906	1.31	51	51	.....	.....	.....	.....
		Males	47.06	2,223	1.08	24	24	.....	.....	.....	.....
		Females	52.94	1,683	1.60	27	27	.....	.....	.....	.....
Ottawa	107	Totals	.....	36,225	2.43	880	880	.....	.....	.....	.....
		Males	51.76	18,970	2.40	455	455	.....	.....	.....	.....
		Females	48.24	17,255	2.46	424	424	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Presque Isle	97	Totals	.....	4,064	3.05	124	124	.....	.....	.....	.....
		Males	49.19	2,168	2.81	61	61	.....	.....	.....	.....
		Females	50.81	1,896	3.32	63	63	.....	.....	.....	.....
Roscommon	130	Totals	.....	1,737	1.32	23	23	.....	.....	.....	.....
		Males	56.52	1,305	.99	13	13	.....	.....	.....	.....
		Females	43.48	432	2.31	10	10	.....	.....	.....	.....
Saginaw	111	Totals	.....	74,795	2.57	1,920	1,920	.....	.....	.....	.....
		Males	52.58	41,588	2.42	1,007	1,007	.....	.....	.....	.....
		Females	47.42	33,207	2.73	908	908	.....	.....	.....	.....
		Unknown	.....	.....	.....	5	5	.....	.....	.....	.....

TABLE 6.—CONTINUED.—*Births by Counties, by Sex, and by Color.*

Counties	Births.—Males to 100 females.	Sex.	Per cent of births of each sex to total of both sexes.	Population in 1884 represented by births in 1886.	Per cent of births of each sex to population of same sex.	Color.—Children born in 1886. Total of all Colors.	White.	Black.	Mulatto.	Indian.	Unknown.
Sanilac	101	Totals	.....	29,583	2.66	787	786	.....	1	.....	.....
		Males	50.13	15,578	2.53	394	393	.....	1	.....	.....
		Females	49.87	14,005	2.80	392	392	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Schoolcraft	139	Totals	.....	3,846	1.12	43	43	.....	.....	.....	.....
		Males	58.14	2,568	.97	25	25	.....	.....	.....	.....
		Females	41.86	1,278	1.41	18	18	.....	.....	.....	.....
Shiawassee	129	Totals	.....	28,078	1.61	453	453	.....	.....	.....	.....
		Males	56.29	14,731	1.73	255	255	.....	.....	.....	.....
		Females	43.71	13,347	1.48	198	198	.....	.....	.....	.....
St Clair	117	Totals	.....	46,783	2.22	1,037	1,032	2	2	.....	1
		Males	53.87	24,058	2 32	557	553	2	2	.....	.....
		Females	46.13	22,723	2.10	477	477	.....	.....	.....	.....
		Unknown	.....	2	.....	3	2	.....	.....	.....	1
St. Joseph	115	Totals	.....	26,277	1.56	411	408	.....	2	.....	1
		Males	53.66	13,295	1.65	220	218	.....	2	.....	.....
		Females	46.34	12,982	1.46	190	190	.....	.....	.....	.....
		Unknown	.....	.....	.....	1	.....	.....	.....	.....	1
Tuscola	106	Totals	.....	30,726	2.57	789	784	.....	.....	.....	5
		Males	51.53	16,126	2.51	404	404	.....	.....	.....	.....
		Females	48.47	14,600	2.60	380	380	.....	.....	.....	.....
		Unknown	.....	.....	.....	5	.....	.....	.....	.....	5
Van Buren	121	Totals	.....	30,341	1.67	508	497	2	9	.....	.....
		Males	54.72	15,377	1.81	278	271	1	6	.....	.....
		Females	45.28	14,964	1.54	230	226	1	3	.....	.....
Washtenaw	99	Totals	.....	41,694	1.53	637	629	6	2	.....	.....
		Males	49.69	21,067	1.50	316	312	3	1	.....	.....
		Females	50.31	20,627	1.55	330	316	3	1	.....	.....
		Unknown	.....	.....	.....	1	1	.....	.....	.....	.....
Wayne	116	Totals	.....	188,966	3.38	6,388	6,327	29	31	.....	1
		Males	53.68	94,492	3.63	3,427	3,394	14	19	.....	.....
		Females	46.32	94,474	3.13	2,957	2,930	15	12	.....	.....
		Unknown	.....	.....	.....	4	3	.....	.....	.....	1
Wexford	99	Totals	.....	10,518	2.22	233	233	.....	.....	.....	.....
		Males	49.79	5,732	2.02	116	116	.....	.....	.....	.....
		Females	50.21	4,786	2.44	117	117	.....	.....	.....	.....

PARENT-NATIVITY.

Table 7 is intended to show the parentage of children returned as having been born in Michigan during the year 1886. The percentage of children of native-born parents has increased a little over that for 1885, although with the exception of 1885 it is less than for any year since 1870, while the births of foreign parentage are greater than for any year for that period and .33 of one per cent greater than for 1885. The average per cent of children born of native-born parents for the sixteen years 1870-1885 was 44.94, which is 2.08 per cent more than that for 1886. The average per cent of children born of foreign-born parents for the same period of years was 34.54, which is less than the per cent for the year 1886 by 2.76. It is thus seen that the percentage of native and foreign-born parentage has decreased and increased respectively at about the same ratio.

The proportion of children born of mixed parentage was not as great for 1886 as for 1885, but was greater than the average for sixteen years, 1870-1885, by .82 of one per cent.

TABLE 7.—*Showing, by Sex, the Parent-nativity of Children born in Michigan during the year 1886, according to the returns.*

Nativity of Parents of Children Born, 1886.	Total Births, 1886.							
	Number.				Per Cent of Total.			
	Totals.	Males.	Females	Unk.	Totals.	Males.	Females	Unk.
All nativities	41,095	21,332	19,700	63	100.00	100.00	100.00	100.00
Both parents native-born	17,614	9,112	8,483	19	42.86	42.72	43.06	30.16
Both parents foreign-born	15,327	7,991	7,319	17	37.30	37.46	37.15	26.98
Foreign father and native mother	4,463	2,293	2,164	6	10.86	10.75	10.99	9.52
Foreign mother and native father	2,537	1,353	1,182	2	6.17	6.34	6.00	3.17
Unknown mother, father native	158	71	87	.....	.39	.33	.44	.....
Unknown mother, father foreign	86	47	38	1	.21	.22	.19	1.59
Unknown father, mother native	190	93	96	1	.46	.44	.49	1.59
Unknown father, mother foreign	75	41	33	1	.18	.19	.17	1.59
Both unknown	645	331	298	16	1.57	1.55	1.51	25.40
One or both native	24,962	12,922	12,012	28	60.74	60.58	60.97	44.44
One or both foreign	22,488	11,725	10,736	27	54.72	54.96	54.50	42.85

In Table 8 the results given in Table 7 may be compared with those for the years 1884, 1885, 1886, and the average for ten years, 1876-1885. The proportion of children born of native-born parents for the year 1886 is less by 1.88 per cent than the average for ten years, while the proportion of children born of foreign-born parents is greater than the ten-year average by 2.31 per cent. In both classes of mixed parentage the percentage for 1886 is greater than the average for ten years. There has been a marked improvement in the last few years in the proportion of births of children whose parentage was not returned.

TABLE 8.—*Parent-nativity of Children born in Michigan for each of the years 1884-1886, and the average for ten years 1876-1885.*

Nativity of Parents of Children Born.	1884.		1885.		1886.		Average for 10 Years, 1876-1885.	
	Number.	Per cent of Total.	Number.	Per cent of Total.	Number.	Per cent of Total.	Number.	Per cent. of Total.
All nativities	40,408	100.00	42,119	100.00	41,095	100.00	36,735	100.00
Both native-born	17,399	43.06	17,800	42.26	17,614	42.86	16,437	44.74
Both foreign-born	14,696	36.37	15,572	36.97	15,327	37.30	12,852	34.99
Foreign father and native mother	4,612	11.41	4,896	11.63	4,463	10.86	4,152	11.30
Foreign mother and native father	2,620	6.48	2,734	6.49	2,537	6.17	2,204	6.00
One or both unknown	1,081	2.68	1,117	2.65	1,154	2.81	1,090	2.97
One or both parents native a	24,631	60.95	25,430	60.38	24,614	59.90	22,826	62.14
One or both parents foreign a	21,928	54.27	23,202	55 09	22,327	54.33	19,222	52.33
Father — Native	20,084	49.70	20,633	48.99	20,309	49.42	18,810	51.21
Father — Foreign	19,335	47.85	20,520	48.72	19,876	48,37	17,109	46.57
Father — Unknown	989	2.45	966	2.29	910	2.21	816	2.22
Mother — Native	22,159	54.84	22,837	54.22	22,267	54.19	20,783	56.58
Mother — Foreign	17,389	43.03	18,386	43.65	17,939	43.65	15,144	41.22
Mother — Unknown	860	2.13	896	2.13	889	2.16	808	2.20

a Excluding cases where nativity of either parent is unknown.

TABLE 9.—*Exhibiting, for the State and Counties of Michigan, by Sex, the Parent-nativity of Children returned for the year 1886. (Still-births included.)*

State and Counties.	Sex.	Children Born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both Native Born.	Both Foreign Born.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unknown. Father.		Father Unknown. Mother.		Both unknown.
							Native.	Foreign.	Native.	Foreign.	
State	Totals	41,095	17,614	15,327	4,463	2,537	158	86	190	75	645
	Males	21,332	9,112	7,991	2,293	1,353	71	47	93	41	331
	Females	19,700	8,483	7,319	2,164	1,182	87	38	96	33	298
	Unknown	63	19	17	6	2	.....	1	1	1	16
Alcona	Totals	74	17	42	8	6	.....	.....	.....	.....	1
	Males	39	6	23	4	5	.....	.....	.....	.....	1
	Females	35	11	19	4	1	.....	.....	.....	.....	....
Alger	Totals	8	2	2	.....	.....	.....	.....	.....	.....	4
	Males	6	1	1	.....	.....	.....	.....	.....	.....	4
	Females	2	1	1	.....	.....	.....	.....	.....	.....	....
Allegan	Totals	709	459	135	52	32	7	1	5	1	17
	Males	377	245	68	30	19	3	.....	2	1	9
	Females	331	214	67	22	13	4	1	3	.....	7
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Alpena	Totals	399	41	292	36	29	.....	.....	.....	.....	1
	Males	202	20	145	24	13	.....	.....	.....	.....	....
	Females	197	21	147	12	16	.....	.....	.....	.....	1
Antrim	Totals	199	88	62	30	18	.....	1	.....	.....	....
	Males	96	42	28	16	9	.....	1	.....	.....	....
	Females	103	46	34	14	9	.....	.....	.....	.....	....
Arenac	Totals	128	36	48	30	12	1	.....	.....	.....	1
	Males	61	16	22	18	4	.....	.....	.....	.....	1
	Females	67	20	26	12	8	1	.....	.....	.....	....
Baraga	Totals	73	17	22	3	.....	.....	.....	.....	.....	31
	Males	35	10	9	1	.....	.....	.....	.....	.....	15
	Females	38	7	13	2	.....	.....	.....	.....	.....	16
Barry	Totals	380	321	19	23	11	1	.....	4	.....	1
	Males	199	167	8	13	9	1	.....	.....	.....	1
	Females	181	154	11	10	2	.....	.....	4	.....	....

TABLE 9.—CONTINUED.—*Births by Counties, Parent-nativity, and Sex.*

Counties.	Sex.	Children Born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both Native Born.	Both Foreign Born.	Foreign Father and Native Mother.	Foreign Mother and Native Father.	Mother Unknown. Father.		Father Unknown. Mother.		Both unknown.
							Native.	Foreign.	Native.	Foreign.	
Bay	Totals	1,430	315	800	191	106	2	1	5	7	3
	Males	759	172	418	106	52	1	.....	4	5	1
	Females	671	143	382	85	54	1	1	1	2	2
Benzie	Totals	111	57	26	16	6	3	.....	.....	.....	3
	Males	57	30	13	10	2	1	.....	.....	.....	1
	Females	53	26	13	6	4	2	.....	.....	.....	2
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Berrien	Totals	694	466	129	55	25	1	4	7	3	4
	Males	380	258	73	25	16	.....	1	4	.....	3
	Females	313	208	55	30	9	1	3	3	3	1
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Branch	Totals	369	297	35	21	11	1	1	2	.....	1
	Males	193	157	17	11	7	.....	.....	1	.....	.....
	Females	175	140	18	9	4	1	1	1	.....	1
	Unknown	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Calhoun	Totals	569	418	48	47	19	10	5	7	.....	15
	Males	274	198	23	28	9	3	2	4	.....	7
	Females	286	217	24	19	10	7	3	3	.....	3
	Unknown	9	3	1	.....	.....	.....	.....	.....	.....	5
Cass	Totals	313	273	10	12	9	2	.....	3	.....	4
	Males	164	142	3	6	6	2	.....	2	.....	3
	Females	148	130	7	6	3	.....	.....	1	.....	1
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Charlevoix	Totals	159	70	47	21	9	3	.....	3	5	1
	Males	89	40	25	11	5	3	.....	2	2	1
	Females	70	30	22	10	4	.....	.....	1	3	.....
Cheboygan	Totals	253	79	112	39	20	1	.....	1	.....	1
	Males	138	46	56	23	12	.....	.....	.....	.....	1
	Females	115	33	56	16	8	1	.....	1	.....	.....
Chippewa	Totals	160	32	80	8	9	5	5	1	6	14
	Males	91	16	48	7	3	.....	4	1	3	9
	Females	68	16	32	1	6	5	1	.....	3	4
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE 9.—CONTINUED.—*Births by Counties, Parent-nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father.		Father Unknown. Mother.		Both unknown.
							Native.	Foreign.	Native.	Foreign.	
Clare	Totals	95	50	17	16	12	.....	.....	.....	.....	.....
	Males	52	30	8	7	7	.....	.....	.....	.....	.....
	Females	43	20	9	9	5	.....	.....	.....	.....	.....
Clinton	Totals	486	350	53	44	26	1	1	6	1	4
	Males	243	182	26	16	15	.....	.....	3	.....	1
	Females	242	167	27	28	11	1	1	3	1	3
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Crawford	Totals	45	17	16	5	3	1	.....	.....	.....	3
	Males	20	5	10	2	1	1	.....	.....	.....	1
	Females	25	12	6	3	2	.....	.....	.....	.....	2
Delta	Totals	276	39	103	24	17	.....	5	2	1	85
	Males	128	18	41	10	10	.....	5	.....	1	43
	Females	145	21	59	14	7	.....	.....	2	.....	42
	Unknown	3	.....	3	.....	.....	.....	.....	.....	.....	.....
Eaton	Totals	496	417	19	26	24	5	.....	2	.....	3
	Males	250	212	10	11	13	3	.....	.....	.....	1
	Females	245	205	9	15	11	2	.....	2	.....	1
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Emmet	Totals	135	86	29	12	5	.....	.....	.....	1	2
	Males	75	51	15	4	3	.....	.....	.....	1	1
	Females	60	35	14	8	2	.....	.....	.....	.....	1
Genesee	Totals	559	352	64	80	55	2	.....	3	.....	3
	Males	279	177	31	38	30	1	.....	.....	.....	2
	Females	275	172	33	41	25	1	.....	3	.....	.....
	Unknown	5	3	.....	1	.....	.....	.....	.....	.....	1
Gladwin	Totals	56	21	23	5	5	.....	.....	.....	.....	2
	Males	32	12	12	3	4	.....	.....	.....	.....	1
	Females	24	9	11	2	1	.....	.....	.....	.....	1
G'd Traverse	Totals	167	85	40	23	15	2	.....	1	.....	1
	Males	90	42	25	12	9	1	.....	.....	.....	1
	Females	77	43	15	11	6	1	.....	1	.....	.....

TABLE 9.—CONTINUED.—*Births by Counties, Parent-nativity and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown.
Gratiot	Totals	489	369	30	48	36	1	.....	1	.....	4
	Males	232	165	20	27	16	.....	.....	.....	.....	4
	Females	257	204	10	21	20	1	.....	1	.....	.....
Hillsdale	Totals	402	358	6	12	8	8	.....	4	.....	6
	Males	199	184	2	2	5	1	.....	2	.....	3
	Females	203	174	4	10	3	7	.....	2	.....	3
Houghton	Totals	1,061	76	800	143	32	.....	2	5	1	2
	Males	531	32	407	73	12	.....	.....	5	1	1
	Females	529	44	392	70	20	.....	2	.....	.....	1
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Huron	Totals	800	96	509	111	72	.....	2	3	2	5
	Males	412	37	263	62	42	.....	2	1	.....	5
	Females	387	59	245	49	30	.....	.....	2	2	.....
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Ingham	Totals	494	322	68	48	34	4	2	3	1	12
	Males	259	169	32	29	18	.....	2	2	.....	7
	Females	234	153	36	18	16	4	.....	1	1	5
	Unknown	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Ionia	Totals	526	364	70	54	32	.....	.....	1	.....	5
	Males	256	182	35	22	16	.....	.....	.....	.....	1
	Females	270	182	35	32	16	.....	.....	1	.....	4
Iosco	Totals	433	74	256	55	38	2	3	1	1	3
	Males	218	43	123	26	20	1	1	1	1	2
	Females	214	30	133	29	18	1	2	.....	.....	1
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Iron	Totals	36	12	22	.....	.....	.....	.....	.....	1	1
	Males	20	6	13	.....	.....	.....	.....	.....	1	.....
	Females	14	6	8	.....	.....	.....	.....	.....	.....	.....
	Unknown	2	.....	1	.....	.....	.....	.....	.....	.....	1
Isabella	Totals	387	210	96	40	37	1	.....	1	.....	2
	Males	190	102	48	17	21	1	.....	.....	.....	1
	Females	196	108	48	23	16	.....	.....	1	.....	.....
	Unknown	1	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE 9.—CONTINUED.—*Births by Counties, Parent-nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father.		Father Unknown. Mother.		Both unknown.
							Native.	Foreign.	Native.	Foreign.	
Jackson	Totals	715	430	123	65	47	27	14	2	2	5
	Males	356	212	67	25	27	12	6	1	2	4
	Females	359	218	56	40	20	15	8	1	.....	1
Kalamazoo	Totals	612	379	126	45	33	12	4	7	.....	6
	Males	296	184	62	17	17	6	3	4	.....	3
	Females	315	195	64	28	16	6	1	2	.....	3
	Unknown	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Kalkaska	Totals	70	36	12	13	4	.....	1	1	.....	3
	Males	39	19	6	9	1	.....	1	.....	.....	3
	Females	31	17	6	4	3	.....	.....	1	.....	.....
Kent	Totals	2,132	836	824	279	140	3	12	14	3	21
	Males	1,096	436	421	140	74	2	6	5	3	9
	Females	1,036	400	403	139	66	1	6	9	.....	12
Keweenaw	Totals	139	13	94	27	3	.....	2	.....	.....	.....
	Males	76	10	47	15	3	.....	1	.....	.....	.....
	Females	61	3	45	12	.....	.....	1	.....	.....	.....
	Unknown	2	.....	2	.....	.....	.....	.....	.....	.....	.....
Lake	Totals	112	50	39	13	7	.....	1	1	.....	1
	Males	68	31	24	7	4	.....	.....	1	.....	1
	Females	44	19	15	6	3	.....	1	.....	.....	.....
Lapeer	Totals	641	285	164	109	78	1	1	2	1	.....
	Males	340	133	95	58	51	.....	.....	2	1	.....
	Females	301	152	69	51	27	1	1	.....	.....	.....
Leelanaw	Totals	187	69	68	35	12	.....	.....	1	1	1
	Males	89	35	30	17	6	.....	.....	.....	1	.....
	Females	98	34	38	18	6	.....	.....	1	.....	1
Lenawee	Totals	703	495	100	67	23	3	.....	7	.....	8
	Males	353	244	47	38	13	2	.....	4	.....	5
	Females	350	251	53	29	10	1	.....	3	.....	3
Livingston	Totals	324	254	25	25	20	.....	.....	.....	.....	.....
	Males	173	138	11	12	12	.....	.....	.....	.....	.....
	Females	151	116	14	13	8	.....	.....	.....	.....	.....
Mackinac	Totals	73	34	20	10	5	1	2	.....	.....	1
	Males	35	12	11	6	4	.....	2	.....	.....	.....
	Females	38	22	9	4	1	1	.....	.....	.....	1

TABLE 9.—CONTINUED.—*Births by Counties, Parent-nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown.
Macomb	Totals	681	332	189	100	54	1	.....	3	2	....
	Males	367	183	95	56	30	.....	.....	2	1	....
	Females	314	149	94	44	24	1	.....	1	1	....
Manistee	Totals	527	105	345	47	24	1	.....	.....	2	3
	Males	290	57	188	27	15	1	.....	.....	.....	2
	Females	237	48	157	20	9	.....	.....	.....	2	1
Manitou	Totals	19	6	6	5	2	.....	.....	.....	.....	....
	Males	10	6	2	1	1	.....	.....	.....	.....	....
	Females	9	.....	4	4	1	.....	.....	.....	.....	....
Marquette	Totals	1,085	108	959	8	6	.....	.....	1	1	2
	Males	534	55	470	6	2	.....	.....	.....	.....	1
	Females	551	53	489	2	4	.....	.....	1	1	1
Mason	Totals	330	116	144	47	21	.....	.....	2	.....	....
	Males	186	64	76	39	14	.....	.....	2	.....	....
	Females	142	52	66	17	7	.....	.....	.....	.....	....
	Unknown	2	.....	2	.....	.....	.....	.....	.....	.....	....
Mecosta	Totals	381	170	121	41	35	5	3	1	.....	5
	Males	198	84	68	20	20	3	1	1	.....	1
	Females	183	86	53	21	15	2	2	.....	.....	4
Menominee	Totals	739	103	520	76	34	.....	.....	.....	.....	6
	Males	408	63	274	45	22	.....	.....	.....	.....	4
	Females	328	40	243	31	12	.....	.....	.....	.....	2
	Unknown	3	.....	3	.....	.....	.....	.....	.....	.....	....
Midland	Totals	206	93	65	26	21	.....	.....	.....	.....	1
	Males	108	48	36	15	9	.....	.....	.....	.....	....
	Females	98	45	29	11	12	.....	.....	.....	.....	1
Missaukee	Totals	113	26	62	17	4	.....	.....	2	.....	2
	Males	56	15	31	6	3	.....	.....	1	.....	....
	Females	57	11	31	11	1	.....	.....	1	.....	2
Monroe	Totals	754	526	90	88	43	1	.....	5	.....	1
	Males	369	256	46	42	23	.....	.....	2	.....	....
	Females	385	270	44	46	20	1	.....	3	.....	1
Montcalm	Totals	600	357	124	57	38	6	3	5	.....	10
	Males	313	180	61	31	24	4	3	3	.....	7
	Females	287	177	63	26	14	2	.....	2	.....	3

TABLE 9.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown.
Montmorency	Totals	22	5	12	2	3	.....	.....	.....	.....	.....
	Males	12	4	6	2	.....	.....	.....	.....	.....	.....
	Females	10	1	6	.....	3	.....	.....	.....	.....	.....
Muskegon	Totals	982	251	521	129	62	4	.....	1	2	12
	Males	502	129	265	63	33	2	.....	1	.....	9
	Females	480	122	256	66	29	2	.....	.....	2	3
Newaygo	Totals	357	217	63	49	20	2	.....	.....	.....	6
	Males	185	110	37	24	9	2	.....	.....	.....	3
	Females	172	107	26	25	11	.....	.....	.....	.....	3
Oakland	Totals	551	352	81	62	47	.....	1	1	.....	7
	Males	284	183	40	31	24	.....	1	1	.....	4
	Females	266	168	41	31	23	.....	.....	.....	.....	3
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Oceana	Totals	252	151	50	28	21	.....	.....	2	.....	.....
	Males	132	78	28	18	7	.....	.....	1	.....	.....
	Females	120	73	22	10	14	.....	.....	1	.....	.....
Ogemaw	Totals	87	22	40	19	5	1	.....	.....	.....	.....
	Males	41	12	16	8	5	.....	.....	.....	.....	.....
	Females	46	10	24	11	.....	1	.....	.....	.....	.....
Ontonagon	Totals	83	22	45	9	5	1	.....	1	.....	.....
	Males	32	8	18	3	2	1	.....	.....	.....	.....
	Females	50	13	27	6	3	.....	.....	1	.....	.....
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	Totals	342	154	119	37	26	.....	.....	2	3	1
	Males	171	85	59	13	9	.....	.....	2	2	1
	Females	171	69	60	24	17	.....	.....	.....	1	.....
Oscoda	Totals	21	16	2	2	1	.....	.....	.....	.....	.....
	Males	15	11	2	1	1	.....	.....	.....	.....	.....
	Females	6	5	.....	1	.....	.....	.....	.....	.....	.....
Otsego	Totals	51	11	27	4	8	.....	.....	.....	1	.....
	Males	24	8	12	.....	3	.....	.....	.....	1	.....
	Females	27	3	15	4	5	.....	.....	.....	.....	.....
Ottawa	Totals	880	453	283	80	47	3	.....	8	1	5
	Males	455	226	148	39	29	3	.....	4	1	5
	Females	424	227	134	41	18	.....	.....	4	.....	.....
	Unknown	1	.....	1	.....	.....	.....	.....	.....	.....	.....

TABLE 9.—CONTINUED.—*Births by Counties, Parent Nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown.
Presque Isle	Totals	124	6	106	3	6	.....	.....	.....	2	1
	Males	61	2	53	2	4	.....	.....	.....	.....	....
	Females	63	4	53	1	2	.....	.....	.....	2	1
Roscommon	Totals	23	5	9	7	2	.....	.....	.....	.....	....
	Males	13	3	5	3	2	.....	.....	.....	.....	....
	Females	10	2	4	4	.....	.....	.....	.....	.....	....
Saginaw	Totals	1,920	816	779	190	97	4	3	9	3	19
	Males	1,007	418	419	97	55	4	3	1	1	9
	Females	908	395	360	93	42	.....	.....	8	2	8
	Unknown	5	3	.....	.....	.....	.....	.....	.....	.....	2
Sanilac	Totals	787	133	452	133	67	.....	.....	1	.....	1
	Males	394	68	226	65	35	.....	.....	.....	.....	....
	Females	392	64	226	68	32	.....	.....	1	.....	1
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	....
Schoolcraft	Totals	43	19	21	1	2	.....	.....	.....	.....	....
	Males	25	9	16	.....	.....	.....	.....	.....	.....	....
	Females	18	10	5	1	2	.....	.....	.....	.....	....
Shiawassee	Totals	453	291	69	54	36	1	.....	2	.....	....
	Males	255	167	40	31	15	1	.....	1	.....	....
	Females	198	124	29	23	21	.....	.....	1	.....	....
St. Clair	Totals	1,037	383	355	167	107	1	4	9	4	7
	Males	557	223	190	73	62	1	1	4	1	2
	Females	477	160	164	93	45	.....	2	5	3	5
	Unknown	3	.....	1	1	.....	.....	1	.....	.....	....
St. Joseph	Totals	411	296	58	32	13	5	.....	3	1	3
	Males	220	156	35	18	6	2	.....	2	1	....
	Females	190	139	23	14	7	3	.....	1	.....	3
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	....
Tuscola	Totals	789	342	215	126	92	.....	.....	5	1	8
	Males	404	173	115	61	46	.....	.....	4	.....	5
	Females	380	168	100	64	44	.....	.....	1	.....	3
	Unknown	5	1	.....	1	2	.....	.....	.....	1	....
Van Buren	Totals	508	426	20	33	23	1	.....	5	.....	....
	Males	278	233	10	21	12	.....	.....	2	.....	....
	Females	230	193	10	12	11	1	.....	3	.....	....

TABLE 9.—CONTINUED.—*Births by Counties, Parent-Nativity, and Sex.*

Counties.	Sex.	Children born, 1886.	Nativity of Parents of Children Born,—1886.								
			Both native-born.	Both foreign-born.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown
Washtenaw	Totals	637	351	150	65	42	8	2	9	3	7
	Males	316	169	80	34	21	2	1	3	3	3
	Females	320	181	70	31	21	6	1	6	.....	4
	Unknown	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Wayne	Totals	6,388	1,670	3,419	675	363	.....	.....	5	11	245
	Males	3,427	898	1,863	362	176	.....	.....	4	7	117
	Females	2,957	772	1,556	312	187	.....	.....	1	4	125
	Unknown	4	.....	.....	1	.....	.....	.....	.....	.....	3
Wexford	Totals	233	113	81	18	15	2	.....	2	.....	2
	Males	116	59	39	7	9	.....	.....	1	.....	1
	Females	117	54	42	11	6	2	.....	1	.....	1

TWIN CHILDREN, 1886.

The returns of births for 1886 show that 501 pairs of twins were born in this State during the year, which was twenty pairs more than were reported in 1885, and is the largest number ever recorded in Michigan. In 147 cases both children were males, in 161 cases both were females, and in 192 cases there was one child of each sex, making 486 males and 514 females. In one pair no statement of sex was given. The proportion of the sexes among twin births for the year 1886 was 95 males to 100 females, while the average proportion of males for the ten years 1876-1885 was 99. This is a much smaller proportion of males than is found among all children born, which is 108 males to 100 females. In Table 10 the months are arranged in order, those months first which have the largest number of twin births.

TABLE 10.—*Exhibiting, by Sex, the Number of Pairs of Twins and Twin Children returned for the year 1886.*

Year and Months, 1886.		No. of Twin Children, 1886.					Number of Pairs of Twins, 1886.						
		Totals.	Males.	Females.	Unknown.	Males to 100 Females.	Totals.	Males.	Females.	One of Each Sex.	Unknown.	Males to 100, one of each Sex.	Males to 100 Females.
Year, 1886		1,002	a486	b514	2	95	501	147	161	192	1	77	91
More than the Average No. of Twins.	July	98	39	59	.....	66	49	10	20	19	.....	53	50
	May	94	54	40	.....	135	47	18	11	18	.....	100	164
	November	94	43	51	.....	84	47	12	16	19	.....	63	75
	April	90	40	50	.....	80	45	10	15	20	.....	50	67
	October	90	45	45	.....	100	45	15	15	15	.....	100	100
	December	86	36	50	.....	72	43	14	21	8	.....	175	67
	February	84	42	42	.....	100	42	13	13	16	.....	81	100
Average		84	40	42	.....	95	42	12	13	16	.....	75	92
Less than the Average No. of Twins.	June	82	40	42	.....	95	41	13	14	14	.....	93	93
	March	80	46	34	.....	135	40	14	8	18	.....	78	175
	August	74	35	39	.....	90	37	7	9	21	.....	33	78
	January	64	34	28	2	121	32	12	9	10	1	120	133
	September	62	30	32	.....	94	31	8	9	14	.....	57	89
	Unknown	4	2	2	.....	100	2	1	1	.....	.....	.....	100

a Includes 42 still-born, 3 mulatto, 2 Indian, and 4 illegitimates.
b Includes 32 still-born, 2 black, 7 mulatto, and 2 illegitimates.

From Table 11 may be seen the nativity of the parents of twins for the year 1886. The facts here presented show that 40.92 per cent of the twin births were of native-born parents, 39.72 per cent were of foreign-born parents, and 17.56 per cent were of parents one of whom was native-born and the other foreign-born.

These figures do not differ materially from those of 1885. By referring to Table 7 it will be observed that the proportion of foreign-born parents was 2.42 per cent greater for twins than for all children born, while the proportion of native-born parents was 1.94 per cent less for twins than for all children. As this has been the evidence of former years, it goes to show that there is a larger twin birth-rate among the foreign-born parents than among the native-born.

TABLE 11.—*Parent-nativity of Twins returned in Michigan for 1886.*

Nativity of Parents of Twins, 1886.	Pairs of Twins, 1886.									
	Number.					Per Cent of each Parent-Nativity to Total of all Nativities.				
	Totals.	Males.	Females.	One of Each.	Unknown.	Totals.	Males.	Females.	One of Each.	Unknown.
All nativities	501	147	161	192	1	100.00	100.00	100.00	100.00	100.00
Both native-born	205	57	70	78	.....	40.92	38 78	43.47	40.63	100.00
Both foreign-born	199	55	69	74	1	39.72	37.41	42.86	38.54	.....
Foreign father and native mother	66	24	14	28	.....	13.17	16.33	8.70	14.58	.....
Foreign mother and native father	22	7	6	9	.....	4.39	4.76	3.73	4.69	.....
Unknown mother, father native	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unknown mother, father foreign	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unknown father, mother native	1	.....	.....	1	.....	.20	.....	.....	.52	.....
Unknown father, mother foreign	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Both unknown	8	4	2	2	.....	1.60	2.72	1.24	1.04	.....
One or both native	294	88	90	116	.....	58.68	59.86	55.90	60.42	.....
One or both foreign	187	86	89	111	1	37.33	58.50	55.28	57.81	100.00

The proportion of twin births, by nativity and color of mothers, for each of the years 1884, 1885, 1886, and the average for ten years 1876-1885, may be studied in Table 12. The average for the ten years shows that the largest proportion of twins was among the foreign-born mothers, and also among the black and mulatto mothers.

TABLE 12.—*By Nativity and Color of Mothers, the Number and Proportion of Twin Births Returned for the Years 1884, 1885, 1886, and the Average for Ten Years, 1876-1885.*

Nativity and Color of Mothers of Twins, 1884-1886.	1884.			1885.			1886.			Average for 10 Years, 1876-1885.		
	Number of pairs of twins.	Whole No. of mothers including those of twins.	Per cent of births of twins to all mothers.	Number of pairs of twins.	Whole No. of mothers including those of twins.	Per cent of births of twins to all mothers.	Number of pairs of twins.	Whole No. of mothers including those of twins.	Per cent of births of twins to all mothers.	Number of pairs of twins.	Whole No. of mothers including those of twins.	Per cent of births of twins to all mothers.
Mothers of all colors and all nativities	450	39,950	1.13	481	41,624	1.16	501	40,582	1.23	418	36,306	1.15
All native-born mothers	218	21,937	.99	237	22,596	1.05	272	21,989	1.24	230	20,548	1.12
All foreign-born mothers	226	17,159	1.32	230	18,146	1.27	221	17,712	1.24	180	14,959	1.20
Mothers of unknown nativities	6	854	.70	14	882	1.59	8	881	.91	8	799	1.00
White	444	39,576	1.12	472	41,245	1.14	494	40,262	1.23	412	35,884	1.15
Black	3	106	2.83	5	151	3.31	1	86	1.16	2	124	1.61
Mulatto	3	98	3 06	2	104	1.92	5	108	4.63	2	92	2.17
Indian	.....	135	.....	2	122	1.64	1	112	.89	1	129	.78
Unknown	.....	35	.....	.....	2	.....	.....	14	.....	1	77	1.30
Black and mulatto	6	204	2.94	7	255	2.75	6	194	3.09	4	216	1.85

There were six cases of triplets returned for the year 1886, one set less than were reported in 1885. Two cases were returned from Huron county, in one set of which two of the males were still-born. Of the nativity of the parents, 3 were native-born and 3 were foreign-born, and of the entire number of triplet children only two were females.

From Table 14 may be seen the number of pairs of twins and sets of triplets that have been returned in Michigan for the fourteen years 1873-1886. According to the average, there were 86 births to one pair of twins during these years.

TABLE 13.—*Exhibiting certain details concerning Triplet Children returned for the Year 1886.*

Counties.	Triplet Children, 1886.					Parents of Triplets, 1886.		
	Month of birth, 1886.	Color.	Sex.			Birthplace of father.	Birthplace of mother.	Occupation of father.
			Males.	Females.	Unknown.			
Huron	May	White	a3			Canada	Canada	Laborer.
Huron	Jan.	White	1	2		Germany	Germany	Farmer.
Ionia	May	White	3			Ohio	Ohio	School-teacher.
Kalamazoo	Dec.	White	3			New York	New York	Laborer.
Menominee	Unk.	White	3			Sweden	Sweden	Farmer.
St. Joseph	August.	White	3			Iowa	Michigan	Farmer.

a 2 Still-born.

TABLE 14.—*Exhibiting the number of Pairs of Twins, and the Cases of Triplets, returned in Michigan for the fourteen years, 1873–1886.*

Years.	Pairs of Twins.	Cases of Triplets.	No. of Births to one Pair of Twins.	No. of Births to one Case of Triplets.
1873	420	4	82	8,652
1874	408	2	76	15,526
1875	370	1	86	31,958
1876	428	8	80	4,279
1877	367		91	33,395
1878	427	3	82	11,721
1879	402	2	85	17,061
1880	358	5	99	7,065
1881	372	5	93	6,950
1882	430	9	86	4,114
1883	466	9	88	4,534
1884	450	4	90	10,102
1885	481	7	88	6,017
1886	501	6	82	6,849
Average	420	5	86	12,016

The number and proportion of the parents of plural births are exhibited in Table 15. The percentage of those born of native-born parents was greater in 1886 than in 1885, but less than the average; while the percentage of those born of foreign-born parents was less in 1886 than in 1885 but greater than the average. Of those born of mixed parentage the parentage was greater in 1886 than for 1885 or for the average.

TABLE 15.—*Exhibiting the Parent-nativity of Plural Births returned in Michigan for the Fourteen Years 1873-1886.*

Years.	Totals.	Native-born.		Foreign-born.		Mixed.		Unknown.	
		Numbers.	Per cent.	Numbers.	Per cent.	Numbers.	Per cent.	Numbers.	Per cent.
1873	852	390	45.78	330	38.73	120	14.09	12	1.40
1874	822	329	40.03	321	39.05	140	17.03	32	3.89
1875	743	271	36.47	318	42.80	124	16.69	30	4.04
1876	880	391	44.43	322	36.59	143	16.25	24	2.73
1877	734	334	45.51	252	34.33	122	16.62	26	3.54
1878	863	402	46.58	291	33 72	142	16.45	28	3.25
1879	810	374	46.17	236	29.14	188	23.21	12	1.48
1880	731	341	46.65	276	37.75	104	14.23	10	1.37
1881	759	355	46.77	270	35.57	124	16.34	10	1.32
1882	887	350	39.46	358	40.36	153	17.25	26	2.93
1883	959	417	43.48	364	37.96	150	15.64	28	2.92
1884	912	360	39.47	396	43.42	144	15.79	12	1.32
1885	983	384	39.06	414	42.12	155	15.77	30	3.05
1886	1,020	419	41.08	407	39.90	176	17.26	18	1.76
Average	854	366	42.86	325	38.05	142	16.63	21	2.46

STILL-BIRTHS, 1886.

The number of still-born children returned for the year 1886 was 909, which was 99 less than the number reported in 1885, but 115 more than the average for ten years. In 1886, 2.21 per cent of all the births were still-born and 2.17 per cent of all the mothers, who bore children during the year, gave birth to still-born children. There were 500 males, 366 females, and 43 whose sex was not reported.

The facts in regard to the nativity and color of mothers of still-born children for the years 1884-1886 and the average for ten years, 1876-1885, will be found in Table 17. The proportion of native-born mothers was less than that of the foreign-born, not only for each year of the table, but also for the average for ten years. It is also worthy of note the much larger proportion among the black and mulatto mothers than those of any other color. As this evidence is repeated each year, it seems to be an established fact.

TABLE 16.—*The Relation of Still-births to all Births, and the Relation of Mothers of Still-born Children to all Mothers returned for the Years 1883–1886, and the average for Ten Years, 1876–1885.*

Children and Mothers.	Total Births and Still-births.				
	1883.	1884.	1885.	1886.	Av. for 10 Years, 1876-1885.
All children born	40,809	40,408	42,119	41,095	36,735
Still-born children	884	919	1,008	909	794
Per cent of still-born to total	2.17	2.27	2.39	2.21	2.16
All mothers	40,325	39,950	41,624	40,582	36,306
Mothers of still-born children	863	904	978	880	772
Per cent of mothers of still-born children to all mothers	2.14	2.26	2.35	2.17	2.13

TABLE 17.—*By Nativity and Color, the Number and Proportion of Mothers having Still-births, for the Years 1884–1886, and the Average for Ten Years 1876–1885.*

Nativity and Color of Mothers.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Mothers having still-births.	Whole No. of mothers including those of still-births.	Per cent of mothers of still-births to all mothers.	Mothers having still-births.	Whole No. of mothers including those of still-births.	Per cent of mothers of still-births to all mothers.	Mothers having still-births.	Whole No. of mothers including those of still-births.	Per cent of mothers of still-births to all mothers.	Mothers having still-births.	Whole No. of mothers including those of still-births.	Per cent of mothers of still-births to all mothers.
Mothers of all colors and all nativities	904	39,950	2.26	978	41,624	2.35	880	40,582	2.17	772	36,306	2.13
All native-born mothers	373	21,937	1.70	414	22,596	1.83	395	21,989	1.80	360	20,548	1.75
All foreign-born mothers	348	17,159	2.03	389	18,146	2.14	340	17,712	1.92	309	14,959	2.07
Mothers of unknown nativities	183	854	21.43	175	882	19.84	145	881	16.46	103	799	12.89
White	858	39,576	2.17	958	41,245	2.32	861	40,262	2.14	750	35,884	2.09
Black	8	106	7.55	13	151	8.61	4	86	4.65	6	124	4.84
Mulatto	3	98	3.06	6	104	5.77	5	108	4.63	3	92	3.26
Indian	6	135	4.44	1	122	.82	.....	112	.....	1	129	.78
Unknown	29	35	82.86	.....	2	.....	10	14	71.43	12	77	15.58
Black and mulatto	11	204	5.39	19	255	7.45	9	194	4.64	9	216	4.16

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TABLE 18.—*Parent-nativity of Still-born Children, returned for the Year 1886.*

Nativity of Parents of Still-born Children,—1886.	Still-born Children,—1886.							
	Number.				Per cent of each Parent-Nativity to Total of all Nativities.			
	Totals.	Males.	Females.	Unknown.	Totals.	Males.	Females.	Unknown.
All nativities	909	500	366	43	100.00	100.00	100.00	100.00
Both native-born	331	177	141	13	36.42	35.40	38.52	30.23
Both foreign-born	314	190	110	14	34.54	38.00	30.06	32.56
Foreign father and native mother	68	38	26	4	7.48	7.60	7.10	9.30
Foreign mother and native father	39	22	16	1	4.29	4.40	4.37	2.33
Unknown mother, father native	4	2	2	.....	.44	.40	.55	.....
Unknown mother, father foreign	5	2	3	.....	.55	.40	.82	.....
Unknown father, mother native	8	3	5	.....	.88	.60	.37	.....
Unknown father, mother foreign	1	.....	1	.....	.11	.....	.27	.....
Both unknown	139	66	62	11	15.29	13.20	16.94	25.58
One or both native	450	242	190	18	49.50	48.40	51.91	41.86
One or both foreign	427	252	156	19	46.97	50.40	42.62	44.18

TABLE 19.—*Exhibiting, by Sex, the Parent-nativity, and by Sex and Months, the Number of Still-births returned in Michigan for the Year 1886.*

Sex of Still-Births, 1886.	Year, 1886.	Months, 1886.													Nativity of Parents of Still-births, 1886.								
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Native.	Foreign.	Foreign father and native mother.	Foreign mother and native father.	Mother Unknown. Father. Native.	Mother Unknown. Father. Foreign.	Father Unknown. Mother. Native.	Father Unknown. Mother. Foreign.	Both unknown.
Totals	[a] 909	66	66	83	67	78	67	81	74	67	71	80	108	1	331	314	68	39	4	5	8	1	139
Males	[b] 500	37	38	45	34	45	37	37	47	39	41	43	56	1	177	190	38	22	2	2	3	.....	66
Females	[c] 366	25	27	34	30	28	26	39	23	22	28	36	48	....	141	110	26	16	2	3	5	1	62
Unknown	[d] 43	4	1	4	3	5	4	5	4	6	2	1	4	....	13	14	4	1	.....	.....	.....	.....	11

[a] Includes 9 pairs and 12 half-pairs male twins; 9 pairs and 2 half pairs female twins; 9 pairs and 3 half pairs male and 3 half pairs female twins of one of each sex; 1 pair of twins sex not stated.
[b] Includes 2 triplets, 2 Black, 4 Mulatto, and 1 illegitimate.
[c] Includes 2 Black, 2 Mulatto, and 2 illegitimate.
[d] Includes 10 color unknown, and 1 illegitimate.

The proportion of the sexes among children born alive, still-births, and illegitimates for the years 1885, 1886, and the average for ten years, 1876-1885, may be seen in Table 20. The proportion of males among children returned as born alive was greater than the average for 1886 and less than the average among still-births and illegitimates. Each year there is a large excess of males among the still-births, not only in this State but in others where statistics of this kind are compiled.

TABLE 20.—*Exhibiting the Proportion of Males to Females among Children Born Alive, Still-births, and Illegitimates.*

		1885.	1886.	Average for 10 Years, 1876-1885.
Born alive	Males	21,084	20,832	18,575
	Females	19,994	19,334	17,339
	Unknown	33	20	27
Males to 100 females		105	108	107
Still-born	Males	606	500	450
	Females	372	366	307
	Unknown	30	43	37
Males to 100 females		163	137	146
Illegitimate	Males	115	151	152
	Females	129	146	141
	Unknown	4	3	2
Males to 100 females		89	103	108

ILLEGITIMATE CHILDREN, 1886.

The number of illegitimate births returned in 1886 was 300, an increase of 52 over the previous year and six more than the average yearly number for the ten years, 1876-1885. Of the whole number reported, 107 were from Wayne county, over one-third, and the rate of illegitimates to the total number of births in the county was 16.7 to 1,000, while in the State as a whole the rate was only 7.3 per 1,000.

According to the Registration Report of Massachusetts, the birth-rate of illegitimate children for the year 1886 was 20.3 per 1,000 of the total number of living births. This is somewhat in excess of the number usually reported from that State, being 5.9 greater than the average for the twenty years, 1867-1886. This rate is very low, as compared with that of the countries of Europe, some of which are as follows:

England and Wales	53	per 1,000
Scotland	92	"
Ireland	26	"
France	74	"
German Empire	86	"
Bavaria	152	"
Austria	134	"
Russia	29	"

TABLE 21.—*The Relation of Illegitimate Children to all Children born for the Years 1883-1886, and the Average for Ten Years, 1876-1885.*

Children and mothers.	Total Births and Illegitimates.				
	1883.	1884.	1885.	1886.	Average for 10 Years, 1876-1885.
All children born	40,809	40,408	42,119	41,095	36,735
Illegitimate children	311	193	248	300	294
Per cent of illegitimates to total	.76	.48	.59	.73	.79
All mothers	40,325	39,950	41,624	40,582	36,306
Mothers of illegitimate children	306	192	247	297	291
Per cent of mothers of illegitimates to all mothers	.76	.48	.59	.73	.80

The nativity and color of mothers of illegitimate children as returned for the years 1884, 1885, and 1886 may be seen in Table 22. The very large proportion among mothers of unknown nativities and unknown color shows how incomplete the records of these births are. The largest proportion of mothers of illegitimates to all mothers appears for the Indians and the smallest for the Whites.

TABLE 22.—*By Nativity and Color, the Number and Proportion of Mothers of Illegitimates returned for the Years 1884–1886, and the Average for Ten Years, 1876–1885.*

Nativity and Color of Mothers.	1884.			1885.			1886.			Average for 10 Years, 1876-1885.		
	Mothers having illegitimates.	Whole No. of mothers including those of illegitimates.	Per cent of mothers of illegitimates to all mothers.	Mothers having illegitimates.	Whole No. of mothers including those of illegitimates.	Per cent of mothers of illegitimates to all mothers.	Mothers having illegitimates.	Whole No. of mothers including those of illegitimates.	Per cent of mothers of illegitimates to all mothers.	Mothers having illegitimates.	Whole No. of mothers including those of illegitimates.	Per cent of mothers of illegitimates to all mothers.
Mothers of all colors and all nativities	192	39,950	.48	247	41,624	.59	297	40,582	.73	291	36,306	.80
All native-born mothers	103	21,937	.47	115	22,596	.51	140	21,989	.64	141	20,548	.69
All foreign-born mothers	69	17,159	.40	85	18,146	.47	45	17,712	.25	74	14,959	.49
Mothers of unknown nativities	20	854	2.34	47	882	5.33	112	881	12.71	76	799	9.51
White	182	39,576	.46	235	41,245	.57	279	40,262	.69	273	35,884	.76
Black	4	106	3.77	9	151	5.96	3	86	3.49	6	124	4.84
Mulatto	1	98	1.02	.....	104	.....	6	108	5.56	3	92	3.26
Indian	5	135	3.70	3	122	2.46	7	112	6.25	8	129	6.20
Unknown	.....	35	.....	.....	2	.....	2	14	14.29	1	77	1.30
Black and mulatto	5	204	2.45	9	255	3.53	9	194	4.64	9	216	4.17

TABLE 23.—*Exhibiting, by Sex, the Number by Months, and the Nativity of Parents of Illegitimates returned for the Year 1886.*

Sex of Illegitimates, 1886.	Year, 1886.	Months, 1886.													Nativity of Mothers of Illegitimates, 1886.							Nativity of Fathers of Illegitimates, 1886.						
															Native.			Foreign.				Native.			Foreign.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Totals.	Born in Michigan.	Born in other states.	Totals.	Born in Canada.	Born in other countries.	Unknown.	Totals.	Born in Michigan.	Born in other states.	Totals.	Born in Canada.	Born in other countries.	Unknown.
Totals	[a]300	20	31	36	27	31	29	25	20	17	18	24	22	....	142	112	30	45	16	29	113	54	42	12	14	7	7	232
Males	[b]151	10	14	15	13	14	23	11	7	9	9	12	14	....	68	50	18	24	7	17	59	26	21	5	8	4	4	117
Females	[c]146	10	17	21	12	16	6	14	13	8	9	12	8	....	73	61	12	20	8	12	53	28	21	7	6	3	3	112
Unknown	[d]3	....	....	....	2	1	....	....	....	....	....	....	....	....	1	1	....	1	1	....	1	....	....	....	....	....	....	3

[a] Includes 1 male, 2 females and 1 unknown sex still-born; 1 pair of male twins and 2 pairs one of each sex.
[b] Includes 2 black, 4 mulatto, and 3 Indian.
[c] Includes 1 black, 2 mulatto, and 4 Indian.
[d] Includes 2 color unknown.

TABLE 24.—*Exhibiting the Number of Illegitimate Births Returned in Fourteen Years, 1873-1886.*

Years.	Children Born out of Wedlock.		Years.	Children Born out of Wedlock.	
	Number.	To every 1,000 Births.		Number.	To every 1,000 Births.
1873	316	9.13	1880	425	12.03
1874	236	7.57	1881	382	10.99
1875	193	6.04	1882	301	8.13
1876	266	7.77	1883	311	7.62
1877	316	9.46	1884	193	4.78
1878	202	5.74	1885	248	5.89
1879	292	8.56	1886	300	7.30
Average 14 years				284	7.93

TABLE 25.—*Showing the Nativity of Mothers of Illegitimates Returned for the Fourteen Years, 1873-1886.*

Years.	Totals.	Native.		Foreign.		Unknown.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
1873	316	128	40.51	95	30.06	93	29.43
1874	236	110	46.61	93	39.41	33	13.98
1875	193	96	49.74	32	16.58	65	33.68
1876	266	173	65.04	53	19.92	40	15.04
1877	316	161	50.95	80	25.32	75	23.73
1878	202	114	56.44	34	16.83	54	26.73
1879	292	137	46.92	90	30.82	65	22.26
1880	425	148	34.82	73	17.18	204	48.00
1881	382	187	48.95	98	25.65	97	25.40
1882	301	145	48.17	77	25.58	79	26.25
1883	311	137	44.05	86	27.65	88	28.30
1884	193	103	53.37	69	35.75	21	10.88
1885	248	115	46.37	86	34.68	47	18.95
1886	300	142	47.33	45	15.00	113	37.67
Average	284	135	47.54	72	25.35	77	27.11

TABLE 26.—*Exhibiting, by Color and Sex, the Population of 1884, the Number of Illegitimates returned for the Year 1886, and the Per Cent of such Children to Inhabitants.*

Color or Race.	Sex.	Population June 1, 1884, represented by births in 1886.	Total illegitimate births, 1886.	Per cent of births to population.	Per cent of each sex to total of both sexes.	Number of inhabitants to one illegitimate child of the same color.
All colors	Totals	[a] 1,848,647	300	.02		6,162
	Males	971,534	151	.02	50.84	6,434
	Females	876,907	146	.02	49.16	6,006
	Unknown	206	3			
White	Totals	1,825,784	282	.02		6,474
	Males	959,640	142	.01	50.53	6,758
	Females	866,134	139	.02	49.47	6,231
	Unknown	10	1			
Black	Totals	6,851	3	.04		2,284
	Males	3,689	2	.05	66.67	1,845
	Females	3,162	1	.03	33.33	3,162
Mulatto	Totals	8,246	6	.07		1,374
	Males	4,197	4	.10	66.67	1,049
	Females	4,049	2	.05	33.33	2,025
Indian	Totals	6,674	7	.10		953
	Males	3,473	3	.09	42.86	1,158
	Females	3,201	4	.12	57.14	800
Unknown	Totals	1,022	2	.20		511
	Males	465				
	Females	361				
	Unknown	196	2			
Black and Mulatto	Totals	15,097	9	.06		1,677
	Males	7,886	6	.08	66.67	1,314
	Females	7,211	3	.04	33.33	2,370

a Includes 70 Asiatic males.

TABLE 27.—*Exhibiting, by Counties, the Number of Pairs of Twins, and the Number of Illegitimate and Still-born Children returned for the Year 1886.*

State and Counties.	Number of pairs of twins born in 1886.	Number of illegitimate children born in 1886.	Number of still-births in 1886.	Counties.	Number of pairs of twins born in 1886.	Number of illegitimate children born in 1886.	Number of still-births in 1886.
State	501	300	909	Ionia	5	7	6
				Iosco	7	.....	5
Alcona	.....	.....	4	Iron	1	2	2
Alger	.....	.....	1	Isabella	3	2	13
Allegan	6	2	12	Jackson	7	4	11
Alpena	6	.....	6	Kalamazoo	4	3	11
Antrim	2	.....	.....	Kalkaska	1	2	4
Arenac	2	.....	.....	Kent	33	8	44
Baraga	1	1	.....	Keweenaw	4	1	5
Barry	6	4	3	Lake	1	.....	2
Bay	23	1	27	Lapeer	9	1	8
Benzie	.....	.....	2	Leelanaw	3	4	4
Berrien	9	6	10	Lenawee	13	7	6
Branch	3	2	7	Livingston	4	1	10
Calhoun	6	6	17	Mackinac	.....	1	.....
Cass	4	5	2	Macomb	14	8	9
Charlevoix	1	.....	3	Manistee	5	.....	13
Cheboygan	4	1	4	Manitou	.....	1	.....
Chippewa	2	1	2	Marquette	6	2	23
Clare	1	2	2	Mason	3	2	6
Clinton	4	7	12	Mecosta	4	.....	5
Crawford	1	.....	1	Menominee	9	.....	17
Delta	6	3	17	Midland	4	1	4
Eaton	3	1	11	Missaukee	2	1	1
Emmet	3	5	6	Monroe	8	9	14
Genesee	1	2	8	Montcalm	8	3	17
Gladwin	.....	.....	3	Montmorency	1	1	.....
Grand Traverse	2	1	1	Muskegon	15	.....	13
Gratiot	9	1	16	Newaygo	5	2	9
Hillsdale	2	1	3	Oakland	9	1	14
Houghton	10	5	16	Oceana	4	.....	3
Huron	12	5	21	Ogemaw	.....	.....	2
Ingham	8	2	12	Ontonagon	.....	2	1

TABLE 27.—CONTINUED.

Counties.	Number of pairs of twins born in 1886.	Number of illegitimate children born in 1886.	Number of stillbirths in 1886.	Counties.	Number of pairs of twins born in 1886.	Number of illegitimate children born in 1886.	Number of stillbirths in 1886.
Osceola	4	2	4	Shiawassee	6	1	9
Oscoda			1	St. Clair	15	13	18
Otsego			2	St. Joseph	9	3	14
Ottawa	15	6	25	Tuscola	11	5	18
Presque Isle			4	Van Buren	6	2	14
Saginaw	15	5	53	Washtenaw	10	10	17
Sanilac	15	3	12	Wayne	60	107	193
Schoolcraft			2	Wexford	6	3	12

TABLE 28.—*Townships in which it was reported there were no births in 1886.*

Counties.	Townships—No Births in 1886.	Population in 1884.		
		Totals.	Males.	Females.
Totals		6,599	4,614	1,985
Alger	Burt	336	238	98
Baraga	Spur	266	167	99
Cheboygan	Ellis	116	71	45
Emmet	Eggleston	114	57	57
Gladwin	Buckeye	102	63	39
	Sage	112	69	43
Iron	Iron River	1,823	1,191	632
	Mastodon a			
Kalkaska	Cold Springs	128	68	60
	Glade	42	25	17
	Springfield	417	241	176
Lake	Eaton	71	46	25
	Yates	354	208	146
Missaukee	Ætna	123	76	47
Newaygo	Monroe	562	344	218
Ogemaw	Hill	30	20	10
	Logan a			
	Mills	62	33	29
Ontonagon	Bohemia	272	171	101
	Carp Lake	1,117	1,069	48
Roscommon	Nestor	391	353	38
	Richfield a			
	Roscommon	161	104	57

a Organized since census was taken.

TABLE 29.—*Exhibiting the Counties and Townships from which no returns of Births were received in 1886.*

Counties.	Townships from which no Returns of Births were received for 1886.	Population, June 1, 1884.			White.			Black and Mulatto.			Indian.			Unknown.			Native.			Foreign.			Unknown.		
		Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
Totals		5,011	2,890	2,121	4,696	2,736	1,960	26	17	9	226	101	125	63	36	27	3,016	1,637	1,379	1,930	1,221	709	65	32	33
Cheboygan	Nunda	281	166	115	277	164	113	4	2	2	.....	.....	.....	....	....	....	170	98	72	110	67	43	1	1	....
Chippewa	Detour	615	384	231	565	353	212	8	8	....	1	.....	1	41	23	18	199	123	76	414	260	154	2	1	1
	Drummond	400	241	159	311	195	116	2	2	....	84	43	41	3	1	2	188	106	82	211	135	76	1	....	1
	Sugar Island	446	219	227	318	162	156	....	....	....	109	45	64	19	12	7	226	105	121	175	90	83	47	24	23
Delta	Masonville	266	156	110	266	156	110	....	....	....	.....	.....	.....	....	....	....	143	79	64	120	77	43	3	....	3
Grand Traverse	East Bay	1,013	555	458	1,012	554	458	1	1	....	.....	.....	.....	....	....	....	815	447	368	191	105	86	7	3	4
Mackinac	Moran	475	282	193	443	269	174	....	....	....	32	13	19	....	....	....	334	178	156	141	104	37	....	....	....
Marquette	Richmond	370	205	165	370	205	165	....	....	....	.....	.....	.....	....	....	....	176	86	90	194	119	75	....	....	....
Mecosta	Sheridan	294	174	120	283	170	113	11	4	7	.....	.....	.....	....	....	....	236	139	97	58	35	23	....	....	....
Roscommon	Higgins	851	508	343	851	508	343	....	....	....	.....	.....	.....	....	....	....	529	276	253	318	229	89	4	3	1

Table 28 shows the townships, and the counties in which they are located, where it was reported that no births occurred in 1886. Three of these townships were organized since the census of 1884, and the remaining ones represent a population of 6,599. The townships of Iron River and Carp Lake with their populations of 1,823 and 1,117, undoubtedly belong among those of Table 29.

MARRIAGES, 1886.

The legislature of 1887 passed an act commonly known as the "Marriage License Law," requiring a civil license in order to marry in Michigan, and which makes apparently sufficient provisions for the proper and prompt record of all marriages solemnized between persons one or both of whom are residents of this State. The interest and attention awakened by this law has undoubtedly been instrumental in securing the record and return of many marriages, which had been or were in danger of being delayed far beyond the legal time. This is evident from the fact that there were returned 1,615 more marriages for 1886 than were recorded for 1885. There were returned also a large number of marriages solemnized in previous years, the recording of which had been neglected, including 677 married in 1885, 144 in 1884, 96 in 1883, and a decreasing number extending back nearly two decades.

The importance of a prompt and accurate record of every marriage should not be underestimated. Circumstances oftentimes make it a matter of vital importance to be able to prove the exact time and place of marriage. This is true not alone for the varied pecuniary interests at stake, but questions of personal happiness as well which cannot be estimated by any pecuniary standard. The fact that the records of this office are almost daily searched for such proofs is an evidence of its importance.

In this connection we desire to call the attention of county clerks to some of the errors which are found in their returns when examined at this office. One of the most common of mistakes is where the record of a marriage is not filed with the clerk until the following year and it then appears with marriages of that year, with the same date, making the date of the marriage a year later than it should be. The fact that each year we correct many mistakes of this kind calls for more care on the part of county clerks who have these records to make. It is thus a matter of great importance that the returns forwarded here should be correct in every respect and no returns should leave the office of a county clerk until they have been carefully compared with the original records.

It is thought that the new license law which will be found published near the close of this volume, will prevent, in a great measure, the liability of making such errors and secure more accurate and prompt returns of marriages.

The usual statistics of marriages, with their deductions, comparisons, and computations, are presented to the reader in the following pages:

The total number of marriages returned for 1886, the time of record extending to April 6, 1888, was 16,631. This is an increase of 1,615 over the original and 938 over the corrected returns of 1885 up to the above date.

These figures give a marriage-rate for 1886, based upon the population of 1884, of 8.97, or about 18 persons in every thousand, being one marriage to every 111 inhabitants. Using the estimated population for 1886, given as 1,972,507 on previous page, the marriage-rate would be reduced to 8.43, or about 17 persons per thousand, or one marriage to every 119 inhabitants.

By the year and specified divisions thereof the marriages of 1886 average as follows:

Total number of marriages	16,631
Average number per quarter	4,158
Month	1,386
Week	320
Day	46

Considered with reference to the original returns, the present year shows an unusually large excess of marriages for the last quarter, there being an excess of 1,651 in the last over the first quarter, which usually shows the least number.

The order of the quarters, according to the number of marriages, is fourth, third, second, and first, which order was the same in 1883 and in 1885. In 1884 and the ten-year average the first and second quarters change places by a small number. In Massachusetts the usual order is given as fourth, second, third, and first, and it is stated that in England such has been the order of the quarters with scarcely an exception for the past forty-eight years.

TABLE 30.—*Marriages by Quarters of the Year for each of the Years 1883-1886, and the Average for Ten Years, 1876-1885, Corrected for Additional Returns up to April 6, 1888.*

Totals and Months with which Quarters end.	1883.		1884.		1885.		1886.		Average for 10 Years, 1876-1885.	
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
Totals	17,174	100.00	15,863	100.00	15,693	100.00	16,631	100.00	14,727	100.00
March	3,749	21.83	3,714	23.41	3,335	21.25	3,572	21.48	3,286	22.31
June	4,034	23.49	3,646	22.98	3,653	23.28	3,718	22.36	3,269	22.20
September	4,087	23.80	3,821	24.09	3,724	23.73	4,111	24.72	3,522	23.92
December	5,297	30.84	4,678	29.49	4,980	31.73	5,223	31.40	4,644	31.53
Unknown	7	.04	4	.03	1	.01	7	.04	6	.04
Average [a]	4,294	25.00	3,966	25.00	3,910	25.00	4,158	25.00	3,682	25.00

[a] Including marriages in unknown quarter of the year.

Table 31 shows the number of marriages as originally received at this office up to the time of publishing the reports. By comparison with the figures in Table 30, the quarterly and yearly corrections made by the additional returns can be readily seen.

TABLE 31.—*Marriages by Quarters of the Year for each of the Years 1883–1886, and the Average for Ten Years 1876–1885, as originally returned and published in Reports.*

Totals and Months with which Quarters end.	1883.		1884.		1885.		1886.		Average for 10 Years, 1876-1885.	
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
Totals	16,420	100.00	15,002	100 00	15,016	100.00	16,631	100.00	13,893	100.00
March	3,696	22.51	3,626	24.17	3,260	21.71	3,572	21.48	3,197	23.01
June	3,966	24.15	3,547	23.64	3,555	23.67	3,718	22.36	3,154	22.70
September	3,954	24.08	3,652	24.34	3,596	23.95	4,111	24.72	3,354	24.14
December	4,798	29.22	4,173	27.82	4,604	30.66	5,223	31.40	4,182	30.10
Unknown	6	.04	4	.03	1	.01	7	.04	6	.05
Average a	4,105	25.00	3,751	25.00	3,754	25.00	4,158	25.00	3,473	25.00

a The number in unknown quarter of year included.

The number of marriages per month for the years 1884-1886 and the average for ten years, 1876-1885, is given in Table 32. In last year's report, the order of months in each case began with October, November, December, and September. This year, with the corrected returns, that order holds good only for 1884 and the average, while for 1885 and 1886 October drops to third place and November stands first. The closing months of the year seem to be the ones most favored by those contemplating marriage. February again shows the least number of marriages, although June still holds the lowest rank in the ten-year average.

TABLE 32.—*Marriages, by Months, greatest first, for the years 1884–1886, and the Average for Ten Years 1876–1885. Corrected for additional returns up to April 6, 1888.*

Order.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.
	Totals.	15,863	100.00	Totals.	15,693	100.00	Totals.	16,631	100.00	Totals.	14,727	100.00
1	Oct....	1,592	10.04	Nov....	1,684	10.73	Nov....	1,771	10.65	Oct....	1,555	10.56
2	Nov....	1,585	9.99	Dec....	1,663	10.60	Dec....	1,729	10.40	Nov....	1,553	10.54
3	Dec....	1,501	9.46	Oct....	1,633	10.41	Oct....	1,723	10.36	Dec....	1,536	10.43
4	Sept...	1,335	8.42	Sept....	1,378	8.78	Sept...	1,596	9.59	Sept...	1,322	8.98
5	Apr....	1,324	8.35	Apr....	1,312	8.36	Mar....	1,350	8.12	July...	1,176	7.99
6	Jan....	1,282	8.08	July...	1,286	8.19	July...	1,344	8.08	Jan....	1,161	7.88
7	July...	1,267	7.99	Jan....	1,192	7.60	May...	1,304	7.84	Apr....	1,160	7.88
8	Mar....	1,253	7.90	May...	1,188	7.57	June...	1,245	7.49	Mar....	1,098	7.46
9	Aug....	1,219	7.68	June...	1,153	7.35	Jan....	1,193	7.17	May...	1,096	7.44
10	May...	1,199	7.56	Mar....	1,096	6.98	Aug...	1,171	7.04	Feb....	1,027	6.97
11	Feb....	1,179	7.43	Aug....	1,060	6.75	Apr....	1,169	7.03	Aug....	1,024	6.95
12	June...	1,123	7.08	Feb....	1,047	6.67	Feb....	1,029	6.19	June...	1,013	6.88
	Unk....	4	.02	Unk....	1	.01	Unk...	7	.04	Unk....	6	.04
	Av. a...	1,322	8 33	Av. a...	1,308	8.33	Av. a...	1,386	8.33	Av. a...	1,227	8.33

a Includes those for unknown month.

Those interested in ascertaining the number of marriages in each county for the year 1886 and the months in which they occurred, will find that information in Table 33. In seven cases the officiating persons neglected to give the month of marriage in their returns to the county clerk, a neglect that seems entirely inexcusable.

TABLE 33.—*Exhibiting by Counties and by Months, the Number of Marriages returned for the Year 1886.*

State and Counties.	Year, 1886.	Months, 1886.												
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
State	16,631	1,193	1,029	1,350	1,169	1,304	1,245	1,344	1,171	1,596	1,723	1,771	1,729	7
Alcona	27	1	3	4	3	1	1	2	1	.....	5	2	4	....
Alger	4	.....	1	.....	.....	.....	1	1	.....	.....	1	.....	.....	....
Allegan	372	29	23	32	23	34	21	23	27	35	40	35	50	....
Alpena	118	5	6	10	12	9	8	10	13	9	19	10	7	....
Antrim	83	9	8	6	5	5	10	9	4	2	12	6	7	....
Arenac	28	2	2	3	1	2	3	3	4	.....	3	3	2	....
Baraga	15	1	2	.....	.....	4	2	.....	3	.....	1	1	1	....
Barry	200	16	10	20	15	11	15	13	14	15	21	25	24	1
Bay	358	25	17	26	35	42	29	25	29	30	37	34	29	....
Benzie	31	3	2	.....	2	2	3	2	5	.....	2	6	3	1
Berrien	602	50	25	43	34	45	43	59	42	65	62	75	59	....
Branch	279	3	7	19	16	20	18	25	19	39	28	39	46	....
Calhoun	312	23	16	38	23	32	21	20	18	20	31	29	41	....
Cass	235	24	19	15	21	8	17	15	16	15	27	30	28	....
Charlevoix	41	.....	.....	1	1	2	2	2	5	6	9	7	6	....
Cheboygan	86	5	1	7	10	7	4	12	8	10	9	7	6	....
Chippewa	89	3	9	5	8	13	9	5	13	4	4	9	7	....
Clare	46	4	1	6	3	5	3	2	5	4	3	3	7	....
Clinton	214	18	14	13	20	21	14	18	15	23	22	16	20	....
Crawford	16	1	.....	.....	1	1	.....	3	2	3	1	2	2	....
Delta	100	9	3	3	6	13	7	9	6	6	19	12	7	....
Eaton	280	21	19	27	16	21	19	17	20	26	27	38	29	....
Emmet	52	6	2	2	2	1	3	9	7	7	5	4	4	....
Genesee	349	28	29	32	26	21	31	29	21	31	31	33	36	1
Gladwin	15	1	.....	3	1	3	1	2	.....	.....	2	1	1	....
Grand Traverse	96	11	7	4	9	3	9	10	5	6	7	12	13	....
Gratiot	209	15	17	15	18	11	14	20	16	27	18	21	17	....
Hillsdale	298	28	30	16	14	11	16	26	31	35	28	33	30	....
Houghton	251	12	8	24	14	18	26	16	16	29	35	32	21	....
Huron	140	8	9	9	15	12	7	10	9	12	12	17	20	....

TABLE 33.—CONTINUED.—*Marriages by Counties, by Months.*

Counties.	Year, 1886.	Months, 1886.												
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Ingham	317	23	30	25	21	19	30	15	32	28	26	37	31	....
Ionia	266	15	23	21	25	17	17	29	11	30	16	29	33	....
Iosco	102	4	3	9	3	7	11	11	9	12	12	10	11	....
Iron	16	2	1	.....	2	2	.....	.....	1	4	1	3	.....	....
Isabella	159	18	13	11	11	15	9	19	8	18	19	8	10	....
Jackson	339	19	33	31	28	22	17	32	26	33	35	32	31	....
Kalamazoo	320	17	21	23	26	24	24	16	17	28	44	45	35	....
Kalkaska	25	1	.....	3	2	1	1	5	1	2	4	2	3	....
Kent	1,002	63	46	80	68	85	70	59	62	97	112	119	141	....
Keweenaw	7	.....	1	1	.....	.....	1	.....	1	1	.....	.....	2	....
Lake	39	2	1	1	4	4	4	4	4	2	1	6	6	....
Lapeer	224	13	10	25	20	15	15	15	15	24	19	24	29	....
Leelanaw	37	4	4	2	1	5	7	3	3	2	2	2	2	....
Lenawee	514	51	33	51	36	37	33	36	35	46	42	59	55	....
Livingston	171	16	10	20	11	9	8	9	4	11	20	26	27	....
Mackinac	42	2	1	4	2	4	2	3	2	3	6	9	4	....
Macomb	250	11	15	22	19	21	20	15	21	21	27	27	31	....
Manistee	221	15	17	15	10	15	14	21	22	25	22	25	20	....
Manitou	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Marquette	216	15	8	15	8	17	19	16	18	33	27	23	17	....
Mason	111	4	5	11	10	7	11	7	6	18	10	11	11	....
Mecosta	187	8	18	21	17	17	12	19	12	20	11	12	20	....
Menominee	200	10	9	11	15	18	23	26	11	24	21	14	18	....
Midland	84	6	5	9	5	10	8	12	5	4	5	7	8	....
Missaukee	22	3	3	5	1	4	.....	1	1	.....	.....	2	2	....
Monroe	361	26	29	29	15	28	33	30	19	35	41	42	33	1
Montcalm	308	14	14	29	21	33	21	33	16	31	35	29	31	1
Montmorency	6	.....	1	.....	.....	1	.....	1	.....	1	1	.....	1	....
Muskegon	314	25	19	18	18	19	25	26	28	38	30	32	36	....
Newaygo	150	11	4	15	9	12	13	17	9	17	10	8	25	....
Oakland	315	23	21	30	24	24	21	20	16	29	26	40	40	1
Oceana	106	12	7	7	18	7	2	12	7	8	12	3	11	....
Ogemaw	42	2	3	6	4	1	4	1	3	1	10	3	4	....
Ontonagon	34	1	1	.....	1	4	3	6	6	1	6	3	2	....
Osceola	142	14	5	13	11	10	15	10	8	13	19	7	17	....
Oscoda	6	.....	.....	1	.....	1	.....	2	1	.....	.....	1	.....	....

TABLE 33.—CONTINUED.—*Marriages by Counties, by Months.*

Counties.	Year, 1886.	Months, 1886.												
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Otsego	23	1	4	.....	.....	3	2	1	1	3	2	1	5	....
Ottawa	300	24	11	27	17	30	23	20	27	27	37	34	23	....
Presque Isle	20	1	3	1	.....	2	.....	5	1	2	4	.....	1	....
Roscommon	9	.....	1	1	1	1	.....	1	1	1	.....	1	1	....
Saginaw	646	47	32	58	48	54	48	65	56	72	48	61	57	....
Sanilac	208	15	15	23	23	12	10	18	19	18	20	18	17	....
Schoolcraft	39	.....	.....	3	2	2	4	4	6	9	2	3	4	....
Shiawassee	212	18	13	14	16	18	14	18	12	26	20	21	22	....
St. Clair	397	31	28	30	24	24	21	31	16	38	53	56	45	....
St. Joseph	338	33	36	18	22	18	19	16	35	29	43	36	33	....
Tuscola	281	18	19	23	18	20	17	29	14	34	28	25	36	....
Van Buren	286	21	18	32	21	15	15	31	19	25	30	27	32	....
Washtenaw	377	31	25	31	26	30	24	23	27	36	45	49	29	1
Wayne	1,781	135	109	136	123	179	179	141	119	151	184	191	134	....
Wexford	111	6	10	6	8	3	19	13	4	6	14	6	16	....

COLOR OF PERSONS MARRIED.

There was a considerable increase in the number of White marriages for 1886, no great change in the Black, and a decided falling off in the Mulatto. Deducting the mixed White and Indian marriages there would be a decided reduction in the Indian marriage-rate from the report of 1885. With those deductions from the 117 reported in the Indian column, the per cent to population would stand at 1.20 instead of 1.70 as given in Table 34.

The last column of Table 34, fully explained by the foot-notes of Table 35, shows a greater number of mixed marriages than usual, being nearly double those of 1885. As is usually the case, White females appear to have less antipathy to mixed marriages, especially in choice of color, than White males, for while we find that one White male married a full Indian and four married half-breeds, but one married a Black female. On the other hand, four White females accepted Black husbands, three married Mulattoes, four half-breeds, and one a full Indian.

TABLE 34.—*Exhibiting, by Color and Sex, the number of Marriages and the Per Cent of Persons Married in 1886, to Population in 1884.*

Color, 1886.	Sex.	Population, June 1, 1884, Represented by Marriages in 1886.	Number of Marriages, 1886.	Persons Married, 1886.		Per Cent of Persons Married in 1886 to Population June 1, 1884, by Sex and Color.	Number of Persons who Married those of another color.
				Number.	Per Cent of Total.		
All colors	Totals	[a] 1,853,658	16,631	33,262	100.00	1.79	72
	Males	974,424	.....	16,631	50.00	1.71	36
	Females	879,028	.....	16,631	50.00	1.89	36
	Unknown	206	.....	.....	.....	.....	.....
White	Totals	1,830,480	[b] 16,431	[b] 32,869	98.82	1.80	19
	Males	962,376	.....	[c] 16,431	98.80	1.71	6
	Females	868,094	.....	[d] 16,438	98.84	1.89	13
	Unknown	10	.....	.....	.....	.....	.....
Black	Totals	6,356	98	183	.55	2.67	15
	Males	3,692	.....	98	.59	2.65	14
	Females	3,164	.....	85	.51	2.69	1
Mulatto	Totals	8,267	39	83	.25	1.00	15
	Males	4,211	.....	39	.23	.93	5
	Females	4,056	.....	44	.27	1.08	10
Indian	Totals	6,900	[e] 58	[f] 117	.35	1.70	23
	Males	3,574	.....	58	.35	1.62	11
	Females	3,326	.....	59	.35	1.78	12
One or both unknown	Totals	1,085	5	10	.03	.92	.....
	Males	501	.....	5	.03	1.00	.....
	Females	388	.....	5	.03	1.29	.....
	Unknown	196	.....	.....	.....	.....	.....
Black and Mulatto	Totals	15,123	137	266	.80	1.76	30
	Males	7,903	.....	137	.82	1.73	19
	Females	7,220	.....	129	.78	1.79	11

[a] Includes 70 Asiatic males.
[b] Includes one couple returned W. A. F.
[c] Includes one returned W. A. F.
[d] Includes one W. A. F. and one part white.
[e] Includes males, 19 white and Indian; females five white, 13 white and Indian and one one-quarter Indian.
[f] Includes males, 19 white and Indian; females, 13 white and Indian, one one-quarter Indian and one Mulatto and Indian.

TABLE 35.—*Exhibiting for the State and Counties, the Number of Marriages returned for the Year 1886, and the Color of Persons married in 1886, stated by Couples.*

State and Counties.	Marriages, 1886.	Color of Persons Married, 1886, stated by Couples.				
		White.	Black.	Mulatto.	Indian.	Both Unk.
State	16,631	a16,431	b98	c39	d58	5
Alcona	27	27				
Alger	4	2			dd2	
Allegan	372	369	3			
Alpena	118	117		1		
Antrim	83	81			2	
Arenac	28	28				
Baraga	15	e13			f2	
Barry	200	200				
Bay	358	353	2		3	
Benzie	31	31				
Berrien	602	596	3	2	g1	
Branch	279	279				
Calhoun	312	312				
Cass	235	225	8	1	g1	
Charlevoix	41	41				
Cheboygan	86	85			h1	
Chippewa	89	i77			j12	
Clare	46	46				
Clinton	214	214				
Crawford	16	16				
Delta	100	100				
Eaton	280	280				
Emmet	52	41			k11	
Genesee	349	343	l1	5		

a 1 couple, male White, female part White; 1 couple, male White, female Indian; 4 couples, male White, female White and Indian; 1 couple, returned as W. A. F.

b 4 couples, male Black, female White; 10 couples, male Black, female Mulatto.

c 3 couples, male Mulatto, female White; 1 couple, male Mulatto, female Black; 1 couple, male Mulatto, female Mulatto and Indian.

d 4 couples, male White and Indian, female White; 3 couples, male White and Indian, female Indian; 1 couple, male Indian, female White; 2 couples, male Indian, female half-Indian; 1 couple, male Indian, female quarter-Indian; 12 couples, White and Indian.

dd 1 couple, male Indian, female half-Indian; 1 couple, male Indian, female quarter-Indian.

e 1 couple, male White, female White and Indian.

f 1 couple, male White and Indian, female White; 1 couple, male White and Indian, female Indian.

g 1 couple, White and Indian.

h 1 couple, male White and Indian, female White.

i 2 couples, male White, female White and Indian.

j 2 couples, male White and Indian, female White; 7 couples, White and Indian; 1 couple, male Indian, female White.

k 2 couples, male White and Indian, female Indian.

l 1 couple, male Black, female Mulatto.

TABLE 35.—CONTINUED.—*Marriages in 1886, by Counties, by Color.*

Counties.	Marriages, 1886.	Color of Persons Married, 1886, stated by Couples.				
		White.	Black.	Mulatto.	Indian.	Both Unk.
Gladwin	15	15				
Grand Traverse	96	95	1			
Gratiot	209	209				
Hillsdale	298	297	1			
Houghton	251	251				
Huron	140	140				
Ingham	317	310	[a]2	[b]3		2
Ionia	266	264	1	1		
Iosco	102	101		[b]1		
Iron	16	16				
Isabella	159	148	1		10	
Jackson	339	336	[a]2	[c]1		
Kalamazoo	320	[d]315	[a]1	[e]4		
Kalkaska	25	25				
Kent	1,002	[g]996	[a]3	3		
Keweenaw	7	7				
Lake	39	39				
Lapeer	224	224				
Leelanaw	37	33			4	
Lenawee	514	514				
Livingston	171	170	1			
Mackinac	42	40			[f]2	
Macomb	250	250				
Manistee	221	221				
Manitou	2	2				
Marquette	216	[g]216				
Mason	111	105			[h]6	
Mecosta	187	186		1		
Menominee	200	200				
Midland	84	84				
Missaukee	22	22				
Monroe	361	360		[b]1		
Montcalm	308	308				

[a] 1 couple, male Black, female Mulatto.
[b] 1 couple, male Mulatto, female White.
[c] 1 couple, male Mulatto, female Black.
[d] 1 couple, returned as W. A. F.
[e] 1 couple, male Mulatto, female Mulatto and Indian.
[f] 2 couples, White and Indian.
[g] 1 couple, male White, female White and Indian.
[h] 1 couple, White and Indian; 1 couple, male Indian, female half-Indian.

TABLE 35.—CONTINUED.—*Marriages in 1886, by Counties, by Color.*

Counties.	Marriages, 1886.	Color of Persons Married, 1886, stated by Couples.				
		White.	Black.	Mulatto.	Indian.	Both Unk.
Montmorency	6	6				
Muskegon	314	313			1	
Newaygo	150	150				
Oakland	315	a306	7			2
Oceana	106	106				
Ogemaw	42	42				
Ontonagon	34	34				
Osceola	142	142				
Oscoda	6	6				
Otsego	23	23				
Ottawa	300	300				
Presque Isle	20	20				
Roscommon	9	9				
Saginaw	646	644	2			
Sanilac	208	208				
Schoolcraft	39	39				
Shiawassee	212	212				
St. Clair	397	394	2			1
St. Joseph	338	334	b3	1		
Tuscola	281	281				
Van Buren	286	280	4	2		
Washtenaw	377	359	c15	3		
Wayne	1,781	1,737	d35	9		
Wexford	111	111				

a 1 couple, male White, female part White.
b 1 couple, male Black, female Mulatto.
c 1 couple, male Black, female White; 2 couples, male Black, female Mulatto.
d 3 couples, male Black, female White; 2 couples, male Black, female Mulatto.

NATIVITY OF PERSONS MARRIED.

The nativity of persons married in 1886, so far as could be ascertained from the returns, is shown in Table 36. From this it appears that both parties were native-born in 9,729 cases, both were foreign-born in 3,111 cases, and in 64 cases the nativity of both parties was not returned. There were 1,457 native-born males who married foreign-born brides and 79 who married brides of unknown nativity. There were 2,127 native-born females who married foreign-born husbands and 29 who married husbands of unknown nativity.

There is very little variation in the per cent of each nativity from year to year, the native-born grooms being 67.73 per cent in 1886 to 68.51 in 1885 ; 66.70 in 1884 and 66.22 in 1883. Native-born brides were 71.46 per cent this year to 71.44 in 1885, 69.59 in 1884, and 69.62 in 1883.

TABLE 36.—*By Nativity, the Number and Per Cent of Brides and of Bridegrooms returned for the Year 1886.*

Bridegrooms and Brides,—Nativity Specified.		Brides, 1886.			Bridegrooms, 1886.	
		Native-born.	Foreign-born.	Unknown.	Total of each Nativity and of all Nativities.	Per Cent of each Nativity.
Bridegrooms.	Native-born	9,729	1,457	79	11,265	67.73
	Foreign-born	2,127	3,111	25	5,263	31.65
	Unknown	29	10	64	103	62
Brides.	Whole number of each nativity and total.	11,885	4,578	168	16,631	.....
	Per cent of each nativity and total	71.46	27.53	1.01	.....	100.00

The per cent of marriages to total population, and of each sex, by nativity, to population of the same is shown in Table 37. There is quite a notable increase in all the per centages, the totals standing this year at 1.79, 1.71, and 2.02, while in 1885 they were 1.62, 1.55, and 1.80. This increase is considerably greater than the estimated increase of population, for, figured upon that basis, the total per cent would be increased .07 per cent, raising the 1.62 to 1.69, while in fact it is 1.79, or .17 per cent greater than in 1885.

By excluding the children under fifteen years of age, as is done in the exhibit following Table 37, it will be seen that the marriages of native-born exceed those of foreign-born, in relation to population, by .64 of one per cent. Last year the excess was .62 per cent. The cause of this difference is the greater disproportion existing between the native and foreign-born children than between the native and foreign-born adults.

TABLE 37.—*Exhibiting, by Sex, the Nativity of Persons Married in Michigan in 1886 and the Population in 1884.*

Nativity of Persons Married, 1886.	Marriages, 1886.		Population June 1, 1884, Represented by Marriages in 1886.			Persons Married, 1886.					
	Number.	Per Cent of Total.	Total.	Males.	Females.	Number.			Per cent of persons married in 1886 to population of same nativity, June 1, 1884.		
						Total.	Males.	Females.	Total.	Males.	Females.
Total	16,631	100.00	b 1,853,658	974,424	879,028	33,262	16,631	16,631	1.79	1.71	1.89
Native-born	9,729	58.50	c 1,357,639	695,490	662,145	23,150	11,265	11,885	1.71	1.62	1.79
Foreign-born	3,111	18.71	d 486,968	272,298	214,669	9,841	5,263	4,578	2.02	1.93	2.13
Foreign male and native female	2,127	12.79	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foreign female and native female	1,457	8.76	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nativity unknown	a 207	1.24	e 9,051	6,636	2,214	271	103	168	2.99	1.55	7.59
One or both native	13,421	80.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
One or both foreign	6,730	40.47	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Includes cases where one or both are unknown.
b Includes 206 unknown sex.
c Includes four unknown sex.
d Includes one unknown sex.
e Includes 201 unknown sex.

Nativity.	Inhabitants June 1, 1884, Aged 15 Years and Over.			Persons Married, 1886.			Per Cent of Persons Married in 1886 to Inhabitants June 1, 1884, aged 15 years and over.		
	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes	Males.	Females.
All nativities	1,213,634	649,588	564,046	33,262	16,631	16,631	2.74	2.56	2.95
Native	782,620	403,790	378,830	23,150	11,265	11,885	2 96	2.79	3.14
Foreign	423,384	239,827	183,557	9,841	5,263	4,578	2.32	2.19	2.94

Table 38 shows the proportion of each nativity for each year from 1873 to 1886, a period of 14 years. The average for the fourteen years differs but little from that given in the same table for last year, when the figures were: Both native-born 60.46, both foreign-born 17.16, native groom 7.76, native bride 12.68, unknown 1.94. The both native-born for 1866 show 1.85 per cent below the average, while the both foreign-born are 1.50 above. The unknown is considerably below the average, although .06 per cent above the record for 1885.

TABLE 38.—*Per Cent of Marriages, by Nativity, in Michigan for Fourteen Years, 1873-1886.*

Years.	Both Native-born.	Both Foreign-born.	Native-born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Unknown.
1873	57.94	20.72	6.69	12.45	2.20
1874	59.89	18.29	7.39	12.17	2.26
1875	61.55	16.08	7.35	12.88	2.14
1876	62.44	15.02	7.01	13.26	2.27
1877	63.33	14.31	7.18	13.05	2.13
1878	63.83	12.68	7.72	13.48	2.29
1879	64.15	12.78	7.40	13.56	2.11
1880	62.17	15.20	7.48	13.02	2.13
1881	59.30	18.00	8.18	12.75	1.77
1882	58.15	19.61	8.72	12.47	1.05
1883	57.19	20.60	8.65	12.27	1.29
1884	57.28	20.32	9.00	12.11	1.29
1885	59.14	18.65	8.90	12.13	1.18
1886	58.50	18.71	8.76	12.79	1.24
Average	60.35	17.21	7.89	12.74	1.81

AGES OF PERSONS MARRIED.

In Table 39 may be found the average age, by nativity, at time of marriage, of all persons of both sexes for the years 1883-1886 and the average for ten years 1877-1886. The average age of the males married in 1886 was about 28 years and 94 days, or 33 days younger than for 1885, but about 26 days above the average for the ten years. The average for the females married in 1886 was 23 years and 128 days, or 15 days below that for 1885, and 18 days above the ten-year average. The average age for the foreign-born males was about one and a half years higher than for the native-born, and for the females about one and three-fourths years higher for the foreign-born than for the native.

TABLE 39.—*By Nativity, the Average Age of Persons married in Michigan in 1883-1886, and the Average for Ten Years, 1877-1886.*

Nativity of Persons Married.	1883.		1884.		1885.		1886.		Average Age for 10 Years, 1877-1886.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
All nativities	28.25	23.36	28.43	23.40	28.35	23.39	28.26	23.35	28.19	23.23
Native	27.82	22.90	28.00	22.96	27.81	22.87	27.78	22.85	27.69	22.80
Foreign	29.09	24.40	29.27	24.44	29.51	24.70	29.28	24.63	29.34	24.43
Unknown	29.21	24.52	31.06	24.08	30.62	23.95	28.44	24.26	29.23	24.02

TABLE 40.—*Exhibiting, by Sex and by Periods of Age, the Number and Per Cent of Persons Married during the Year 1886.*

Ages in Years and Periods.	Marriages, 1886.						
	Total Number of Persons Married, 1886.	Males.			Females.		
		Number Married.	Per Cent of Total Marriages.	Per Cent of Persons Married at Corresponding Ages.	Number Married.	Per Cent of Total Marriages.	Per Cent of Persons Married at Corresponding Ages.
All ages	33,262	16,631	100 00	50.00	16,631	100.00	50.00
12	1	.....	.....	.....	1	.01	100.00
13	3	.....	.....	.....	3	.02	100.00
14	21	.....	.....	.....	21	.13	100.00
15	101	.....	.....	.....	101	.61	100.00
16	904	1	.01	.11	903	5.43	99.89
17	1,280	6	.04	.47	1,274	7.66	99.53
18	1,945	120	.72	6.17	1,825	10.97	93.83
19	2,007	320	1.92	15.94	1,687	10.14	84.06
20	2,274	641	3.85	28.19	1,633	9.82	71.81
21 to 25	10,249	5,649	33.97	55.12	4,600	27.66	44.88
25 to 30	7,678	5,377	32.33	70.03	2,301	13.84	29.97
30 to 35	2,826	1,965	11 82	69.53	861	5.18	30.47
35 to 40	1,411	916	5.51	64.92	495	2.98	35.08
40 to 45	780	492	2.96	63.08	288	1.73	36.92
45 to 50	581	361	2.17	62.13	220	1.32	37.87
50 to 55	433	286	1.72	66.05	147	.88	33.95
55 to 60	263	174	1.05	66.16	89	.54	33.84
60 to 65	199	132	.79	66.33	67	.40	33.67
65 to 70	114	92	.55.	80.70	22	.13	19.30
70 to 75	60	47	.28	78.33	13	.08	21.67
75 to 80	16	15	.09	93.75	1	.01	6.25
80 and over	5	5	.03	100.00	.....	.....	.....
Unknown ages	111	32	.19	28.83	79	.48	71.17
Under 15	25	.....	.....	.....	25	.15	100.00
15 to 20	6,237	447	2.69	7.17	5,790	34.81	92.83
20 to 25	12,523	6,290	37.82	50.23	6,233	37.48	49.77

The number and proportion of each sex married in 1886 at given ages, or periods of age, may be found in Table 40. . From this it appears that 1,088 males and 7,448 females were married under 21 years of age. From 21 to 30 there were 11,026 males and 6,901 females. The per cent of males under 21 was 6.54, which was the same as returned for 1885. The per cent of females was 44.79 as compared with 43.92 in 1885. From 21 to 30 the per cent of males was 66.30 against 65.81 in 1885, and of females 41.50 against 42.34 in 1885. The proportion of marriages from 20 to 30 years of age was 70.15 for males and 51.32 for females, as compared with 69.66 for males and 51.04 for females in 1885.

PERSONS MARRIED UNDER TWENTY-ONE YEARS OF AGE.

In 1886 there were 8,536 persons married in Michigan under 21 years of age, of whom 1,088 were males and 7,448 were females. This is a larger number than appears for any preceding year, and is more by 959 than was returned for 1885 The nearest approach to this number was in 1883, when there were 8,091 persons married under 21 years of age. The percentage of all married under 21 to the whole number married was 25.66 in 1886, 25.23 in 1885, and 25.14 in 1884.

Only males who have attained the full age of 18 years and females the full age of 16 years, are capable in law of contracting marriage in this State. Notwithstanding this statute, for the violation of which there is a penalty of five hundred dollars or spending a year in the county jail, there are a number of marriages returned each year where one or both of the contracting parties are under the legal age. In 1886, 7 males and 126 females were under the required age when married. There were 6 males married at the age of seventeen and one at the age of sixteen ; 101 females were married at the age of fifteen, 21 at fourteen, 3 at thirteen, and one at twelve. This female at twelve years of age was united with a man of 37, and the marriage was returned from Arenac county.

TABLE 41.—*Exhibiting, for the State and Counties, by Sex, the Nativity and Age in Periods of Years, of Persons married in Michigan during the Year 1886.*

State and Counties.	Number of couples married, 1886.	Nativity of Persons married 1886, Stated by Couples.									Sex Stated.	Marriages at Different Ages, Stated in Periods of Years, 1886.														
		Both native-born.	Both foreign-born.	Foreign males, native females.	Foreign females, native males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
State	16,631	9,729	3,111	2,127	1,457	79	25	29	10	64	Totals	6,262	12,523	7,678	2,826	1,411	780	581	433	263	199	114	60	16	5	111
											Males	447	6,290	5,377	1,965	916	492	361	286	174	132	92	47	15	5	32
											Females	5,815	6,233	2,301	861	495	288	220	147	89	67	22	13	1	..	79
Alcona	27	6	12	6	3	.....	.....	.....	.....	....	Males	2	11	4	6	2	2	.....	....	....	....	....	....	....	..	...
											Females	12	5	5	1	2	2	.....	....	....	....	....	....	....	..	...
Alger	4	2	1	1	.....	.....	.....	.....	.....	....	Males	.....	2	1	.....	.....	.....	1	....	....	....	....	....	....	..	...
											Females	.....	2	1	.....	.....	.....	1	....	....	....	....	....	....	..	...
Allegan	372	286	24	34	20	4	2	1	.....	1	Males	5	149	103	37	24	16	11	7	4	9	5	1	1	..	...
											Females	154	126	28	25	10	3	6	3	4	4	1	3	....	..	5
Alpena	118	20	62	19	16	.....	1	.....	.....	....	Males	1	42	39	19	7	3	3	2	1	1	....	....	....	..	...
											Females	44	45	13	8	2	3	1	1	....	1	....	....	....	..	...
Antrim	83	40	15	15	11	.....	.....	1	.....	1	Males	3	29	25	16	4	1	4	1	....	....	....	....	....	..	...
											Females	48	19	7	5	3	.....	1	....	....	....	....	....	....	..	...
Arenac	28	10	6	8	4	.....	.....	.....	.....	....	Males	.....	10	10	4	1	3	.....	....	....	....	....	....	....	..	...
											Females	16	5	2	1	1	3	.....	....	....	....	....	....	....	..	...
Baraga	15	5	8	1	1	.....	.....	.....	.....	....	Males	.....	3	7	3	1	.....	1	....	....	....	....	....	....	..	...
											Females	6	4	2	1	2	.....	.....	....	....	....	....	....	....	..	...

Barry	200	182	4	9	2	1	.....	.....	.....	2	Males	5	87	52	26	12	5	3	2	2	2	1	2	1	..	...
											Females	83	66	22	12	5	2	2	2	4	2	....	....	....	..	...
Bay	358	100	137	58	63	.....	.....	.....	.....	....	Males	5	132	126	40	17	18	4	7	1	4	1	1	1	..	1
											Females	120	142	44	20	13	4	6	5	1	2	....	....	....	..	1
Benzie	31	18	7	4	2	.....	.....	.....	.....	....	Males	1	10	9	6	1	2	.....	....	1	....	1	....	....	..	...
											Females	15	9	3	2	.....	1	1	....	....	....	....	....	....	..	...
Berrien	602	466	44	52	31	5	.....	3	.....	1	Males	20	234	187	63	33	26	12	6	13	3	2	1	1	..	1
											Females	193	239	81	32	22	19	2	8	1	1	1	1	....	..	2
Branch	279	259	2	10	6	1	.....	1	.....	....	Males	9	119	75	37	14	6	1	5	5	....	4	3	1	.	...
											Females	102	100	38	13	8	6	3	4	1	1	1	2	....	..	...
Calhoun	312	238	21	33	15	1	.....	1	.....	3	Males	7	107	103	37	16	11	8	6	3	5	5	4	....	..	...
											Females	83	126	54	14	14	7	2	1	4	2	2	1	....	..	2
Cass	235	212	4	9	7	3	.....	.....	.....	....	Males	7	109	64	22	6	4	8	4	4	3	....	4	....	..	...
											Females	88	79	34	11	5	5	4	2	2	....	....	....	1	..	4
Charlevoix	41	20	5	10	4	2	.....	.....	.....	....	Males	.....	17	14	3	1	2	1	....	1	1	....	....	1	..	...
											Females	20	10	5	.....	2	2	.....	1	....	....	....	....	....	..	1
Cheboygan	86	25	33	13	15	.....	.....	.....	.....	....	Males	1	24	44	9	2	2	3	....	....	....	1	....	....	..	...
											Females	33	35	12	4	1	.....	1	....	....	....	....	....	....	..	...
Chippewa	89	16	50	9	10	1	1	.....	.....	2	Males	1	31	38	8	4	4	1	1	....	....	....	....	....	..	1
											Females	29	39	13	2	3	1	1	....	....	....	....	....	....	..	1
Clare	46	21	10	11	2	.....	2	.....	.....	....	Males	.....	14	14	8	5	2	3	....	....	....	....	....	....	..	...
											Females	19	10	10	3	1	3	.....	....	....	....	....	....	....	..	...
Clinton	214	182	5	15	11	1	.....	.....	.....	....	Males	10	81	68	21	12	6	6	2	2	2	2	1	....	..	1
											Females	91	76	24	4	5	4	3	....	3	2	1	....	....	..	1
Crawford	16	5	3	6	2	.....	.....	.....	.....	....	Males	.....	5	6	3	1	.....	.....	....	1	....	....	....	....	..	...
											Females	6	7	1	1	.....	.....	.....	....	1	....	....	....	....	..	...
Delta	100	29	46	19	6	.....	.....	.....	.....	....	Males	2	37	35	14	9	.....	1	1	....	1	....	....	....	..	...
											Females	40	27	22	6	4	.....	1	....	....	....	....	....	....	..	...

TABLE 41.—CONTINUED.—*Marriages by Counties, Nativity, and Periods of Age.*

Counties.	Number of couples married, 1886.	Nativity of Persons Married, 1886, Stated by Couples.									Sex Stated.	Marriages at Different Ages, Stated in Periods of Years, 1886.														
		Both native-born.	Both foreign-born.	Foreign males, native females.	Foreign females, native males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Eaton	280	252	2	14	12	.....	.....	.....	.....	.....	Males	12	99	86	32	19	9	8	6	4	2	2	.....	1	..	...
											Females	131	77	36	12	8	8	4	2	1	1	.....	.....	.....	..	...
Emmet	52	37	6	5	4	.....	.....	.....	.....	.....	Males	1	20	16	6	3	5	.....	.....	1	.....	.....	.....	.....	..	...
											Females	18	13	11	4	3	2	1	.....	.....	.....	.....	.....	.....	..	...
Genesee	349	253	13	46	31	4	.....	.....	1	1	Males	11	129	103	36	20	13	8	11	4	4	7	3	.....	..	...
											Females	124	123	50	14	9	8	8	7	2	3	.....	.....	.....	..	1
Gladwin	15	4	5	4	2	.....	.....	.....	.....	.....	Males	.....	8	2	.....	2	2	.....	.....	.....	1	.....	.....	.....	..	...
											Females	10	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	..	...
G'd Traverse	96	56	9	12	12	3	1	.....	.....	3	Males	3	44	25	11	7	1	2	1	.....	1	.....	.....	.....	..	1
											Females	39	35	13	1	3	.....	1	.....	.....	.....	.....	.....	.....	..	4
Gratiot	209	164	4	21	19	1	.....	.....	.....	.....	Males	9	82	64	27	10	5	3	4	2	3	.....	.....	.....	..	...
											Females	113	55	20	10	2	3	2	3	.....	1	.....	.....	.....	..	...
Hillsdale	298	260	5	18	11	3	.....	1	.....	.....	Males	9	133	82	23	12	7	9	7	2	9	4	1	.....	..	...
											Females	123	98	28	13	7	6	5	5	6	1	1	.....	.....	..	5
Houghton	251	51	138	47	14	.....	.....	.....	1	.....	Males	1	99	86	35	15	5	5	2	1	1	1	.....	.....	..	...
											Females	89	99	33	13	8	1	6	.....	1	1	.....	.....	.....	..	...
Huron	140	29	53	38	18	2	.....	.....	.....	.....	Males	2	54	47	18	8	3	2	1	.....	2	2	.....	1	..	...
											Females	42	65	17	3	6	1	1	3	.....	.....	1	.....	.....	..	1

Ingham	317	235	17	41	20	2				2	Males	14	114	105	43	13	8	6	8	2	1	2	1			
											Females	115	123	37	20	5	7	2	3	1	3					1
Ionia	266	216	10	19	16	3			1	1	Males	13	112	88	16	13	9	3	5	2	1	3	1			
											Females	111	100	28	10	4	2	5	3	2						1
Iosco	102	12	49	24	14	1	1			1	Males	1	27	42	19	4	4	2			2					1
											Females	40	33	17	6	1		2	1		1					1
Iron	16	8	6	1	1						Males		3	9	1	3										
											Females	7	6	2			1									
Isabella	159	96	30	16	16			1			Males	2	57	57	21	9	2	4	1	1	3	1	1			
											Females	69	51	21	5	3	3	2	1	3	1					
Jackson	339	259	23	35	18	2	1			1	Males	11	131	93	50	17	7	4	7	7	4	2	4	2		
											Females	97	124	47	30	14	7	8	4	4	3					1
Kalamazoo	320	248	19	30	12	5	3	3			Males	7	107	104	38	25	10	10	11	4	2	2				
											Females	81	132	50	22	8	11	6	4	1	1	1	1			2
Kalkaska	25	12	2	6	3			1		1	Males		10	8	2	1	1		1	1	1					
											Females	14	7	1			1	2								
Kent	1,002	562	207	129	97	4	2	1			Males	25	369	337	114	50	36	30	18	9	4	3	4	1	2	
											Females	296	384	170	60	33	18	19	11	2	7	1				1
Keweenaw	7	2	3	2							Males	1	2	3	1											
											Females	1	6													
Lake	39	24	3	7	5						Males		21	10	4	2	1	1								
											Females	20	9	4	3	1	1	1								
Lapeer	224	119	28	48	26	1	1	1			Males	5	94	66	27	13	3	4	6	1	2	3				
											Females	87	89	23	14	3	2	3		2		1				
Leelanaw	37	16	10	6	5						Males	1	14	11	3	3	1	3	1							
											Females	16	14	1	2	2	1	1								
Lenawee	514	427	22	34	22			2		7	Males	19	197	161	62	26	10	10	10	5	7	2	3		2	
											Females	180	195	72	23	13	11	3	8	5	3	1				

TABLE 41.—CONTINUED.—*Marriages by Counties, Nativity, and Periods of Age.*

Counties.	Number of Couples Married, 1886.	Nativity of Persons Married, 1886, Stated by Couples.									Sex Stated.	Marriages at Different Ages, Stated in Periods of Years, 1886.														
		Both native-born.	Both foreign-born.	Foreign males, native females.	Foreign females, native males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Livingston	171	140	6	18	7	.....	.....	.....	.....	.....	Males	3	67	52	23	11	5	3	2	3	.....	2	.....	.....	.....	.....
											Females	62	64	25	13	2	2	2	2	.....	.....	.....	.....	.....	.....	.....
Mackinac	42	20	15	1	5	.....	1	.....	.....	.....	Males	1	11	20	5	3	1	1	.....	.....	1	.....	.....	.....	.....	.....
											Females	18	13	8	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Macomb	250	145	25	39	38	1	2	.....	.....	.....	Males	3	107	93	17	11	5	5	6	2	.....	1	.....	.....	.....	.....
											Females	78	112	39	9	5	1	5	1	.....	.....	.....	.....	.....	.....	.....
Manistee	221	52	118	30	19	1	1	.....	.....	.....	Males	3	75	91	34	7	4	4	2	.....	1	.....	.....	.....	.....	.....
											Females	86	90	25	9	4	1	3	1	.....	.....	.....	.....	.....	.....	2
Manitou	2	1	.....	.....	1	.....	.....	.....	.....	.....	Males	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
											Females	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marquette	216	21	135	43	16	.....	.....	.....	.....	1	Males	4	79	90	24	9	6	1	3	.....	.....	.....	.....	.....	.....	.....
											Females	73	79	42	10	8	3	.....	.....	.....	1	.....	.....	.....	.....	.....
Mason	111	46	37	15	13	.....	.....	.....	.....	.....	Males	4	38	40	10	7	5	3	2	1	.....	1	.....	.....	.....	.....
											Females	40	37	14	8	5	2	2	1	2	.....	.....	.....	.....	.....	.....
Mecosta	187	92	45	31	15	1	2	.....	.....	1	Males	4	75	44	22	17	6	9	6	1	2	.....	.....	.....	.....	1
											Females	76	56	20	11	11	4	4	3	.....	.....	1	.....	.....	.....	1
Menominee	200	32	130	25	13	.....	.....	.....	.....	.....	Males	5	59	90	26	12	1	3	3	.....	.....	1	.....	.....	.....	.....
											Females	60	83	34	15	3	2	2	.....	1	.....	.....	.....	.....	.....	.....

Midland	84	44	14	14	12						Males	2	30	32	7	5	3	1	1	2	1					
											Females	46	26	2	2	2		1	1	2	*2					
Missaukee	22	6	10	3	2	1					Males	2	4	5	4	5	1		1							
											Females	11	4	3	1	1	1			1						
Monroe	361	281	19	36	21	2		1		1	Males	11	148	115	37	23	10	8	2	1	1	3	2			
											Females	124	142	51	24	10	3	1	3	1	1		1			
Montcalm	308	211	36	31	24	2		1		3	Males	10	120	99	33	16	9	5	3	6	4	1		1		1
											Females	139	94	30	14	13	3	8	1	1	2	1				2
Montmorency	6		2	1	3						Males		3		1	1										1
											Females	1	1	1	2											1
Muskegon	314	121	121	34	30	2				6	Males	6	108	110	50	20	7	5	4	1		2	1			
											Females	108	124	41	17	10	5	2	3	1	2	1				
Newaygo	150	103	14	21	10	1				1	Males	4	72	44	14	4		4	3	3		1			1	
											Females	86	32	18	5	2	3			3			1			
Oakland	315	235	11	41	25		1	1		1	Males	14	121	88	43	15	8	10	5	4	2	2	1			2
											Females	97	128	40	22	8	5	3	5	2	2					3
Oceana	106	77	11	10	7	1					Males	2	38	40	8	2	2	4	8	2						
											Females	51	31	10	4	3	1		1	2	1	1				1
Ogemaw	42	21	7	8	6						Males	1	17	14	4	4			1							1
											Females	22	10	3	4	1	1									1
Ontonagon	34	12	14	6	1	1					Males		16	15	2	1										
											Females	7	17	10												
Osceola	142	76	32	17	16			1			Males		56	47	18	10	2	3	3	1		1				1
											Females	54	53	17	7	5	1	4				1				
Oscoda	6	3		2	1						Males	3		1				1		1						
											Females	2	1	1					1	1						
Otsego	23	17		3	3						Males	3	6	9	1	3	1									
											Females	10	10	1		2										

TABLE 41.—CONTINUED.—*Marriages by Counties, Nativity, and Periods of Age.*

Counties.	Number of couples married, 1886.	Nativity of Persons Married, 1886, stated by Couples.									Sex Stated.	Marriages at Different Ages, stated in Periods of Years, 1886.															
		Both native-born.	Both foreign-born.	Foreign males, native females.	Foreign females, native males.	Females Unknown. Males. Native.	Females Unknown. Males. Foreign.	Males Unknown. Females. Native.	Males Unknown. Females. Foreign.	Both unknown.		Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Ottawa	300	150	69	52	28	...	...	1	...	...	Males	10	118	97	30	13	9	4	5	5	6	3	...	...	...	...
											Females	106	119	36	12	7	7	3	4	...	3	2	1	...	...	...
Presque Isle	20	4	11	5	...	...	...	...	...	...	Males	...	8	6	2	...	1	2	...	...	...	1	...	...	...	...
											Females	11	6	1	...	...	1	...	1	...	...	...	...	...	...	...
Roscommon	9	4	1	2	2	...	...	...	...	...	Males	...	4	1	2	1	...	1	...	...	...	...	...	...	...	...
											Females	4	2	2	...	1	...	...	...	...	...	...	...	...	...	...
Saginaw	646	270	170	117	82	1	2	2	2	...	Males	20	213	230	85	39	18	9	8	6	1	1	1	2	...	13
											Females	218	252	87	26	26	9	8	1	3	...	...	1	...	...	15
Sanilac	208	46	71	54	36	1	...	...	...	...	Males	7	82	67	24	9	7	5	3	3	1	...	...	...	...	...
											Females	91	77	24	4	5	3	...	1	3	...	...	...	...	...	...
Schoolcraft	39	14	13	8	4	...	...	...	...	...	Males	...	9	15	8	4	2	...	...	1	...	...	...	...	...	...
											Females	10	14	10	1	3	1	...	...	...	...	...	...	...	...	...
Shiawassee	212	155	16	23	14	2	...	1	...	1	Males	7	92	63	22	7	6	7	3	3	...	2	...	...	...	...
											Females	92	63	31	15	...	4	4	1	1	...	...	...	...	...	1
St. Clair	397	145	112	73	53	1	1	1	4	7	Males	12	157	123	40	16	16	9	7	5	8	1	...	...	...	3
											Females	113	170	60	23	10	5	6	...	4	1	...	...	...	...	5
St. Joseph	338	300	12	15	10	...	...	1	...	...	Males	14	123	108	41	16	6	13	5	6	3	3	...	...	...	...
											Females	127	112	45	16	19	3	8	6	1	1	...	...	...	...	...

Tuscola	281	135	43	65	37	.....	.....	.....	.....	1	Males	7	111	91	29	15	7	4	8	5	2	1	1	....	..	...
											Females	123	96	30	7	10	3	3	5	4	....	....	....	..	..	...
Van Buren	286	251	2	13	12	3	.....	1	.....	4	Males	7	113	73	33	19	16	5	5	4	5	2	2	1	..	1
											Females	122	95	28	12	6	7	3	7	2	2	1	1	....	..	...
Washtenaw	377	252	35	44	39	4	.....	1	1	1	Males	10	125	141	46	18	10	6	4	7	5	3	2	....	..	...
											Females	70	171	73	20	11	12	5	6	....	3	2	....	....	..	4
Wayne	1,781	700	571	270	228	3	.....	.....	.....	9	Males	38	661	554	239	120	60	39	39	16	8	4	1	....	..	2
											Females	403	793	325	112	64	34	24	10	3	5	....	....	....	..	8
Wexford	111	63	20	12	15	1	.....	.....	.....	....	Males	4	44	39	10	7	3	2	....	1	....	....	1	....	..	...
											Females	48	44	11	5	1	2	.....	....	....	....	....	....	....	..	...

MANNER OF UNION BY AGES.

Table 42 gives a comprehensive view of the manner of union, by age, of all the couples married during the year 1886. The divisions of age of the grooms are seen at the left and of the brides across the top of the table. The total number and percentage of males married at each period of age are shown in the last two columns and for the females in the last two lines of the table. The largest proportion of both males and females was returned for the period 20 to 25, which was 37.82 per cent for males and 37.48 per cent for females.

Those whose ages were not given in the returns, either by the negligence of the person officiating or an unwillingness to have the age made public, numbered 111 as compared with 136 in 1885. Of these 32 were males and 79 were females. The ages are given of 33,151, and of this number 18,785, or 56.66 per cent, were under 25 years of age, and 12,048, or 64 per cent of that number, were females.

Among those of extreme age we find 227 married at the age of 65 years or upwards; of these 191 were males and but 36 females. Five of the males were aged 80 or over, asfollows: One at 80, 2 at 81, and 2 at 85. One female was married at 75 but none over that age.

There were a number of instances of unusual disparity of age returned for 1886. Among the most curious and remarkable of these may be mentioned a groom of 68 to a bride of 21, which was solemnized in Monroe county; a groom of 64 to a bride of 17, which occurred in Montcalm county; and a groom of 71 to a bride of 25 in Calhoun county. On the other hand, there were a number of marriages where the bride was many years older than the groom. Of these may be noted a groom of 40 to a bride of 64, which was returned from Montcalm county, and a groom of 19 to a bride of 37 in St. Clair county.

TABLE 42.—*Exhibiting the Number of each Sex, at each Period of Age, married during the Year 1886, and the Per Cent of Brides and of Bridegrooms at each Period of Age to Total at all Ages.*

Ages of Males, 1886.	Ages of Females, 1886.															Total males.	Per cent of grooms at each age.
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.		
Under 20	356	81	7	2	1	....	....	....	....	....	....	....	....	..	....	447	2.69
20 to 25	3,216	2,653	341	45	7	4	....	1	....	....	....	....	....	..	23	6,290	37.82
25 to 30	1,703	2,405	1,015	162	62	12	4	....	....	....	....	....	....	..	14	5,377	32.33
30 to 35	368	712	516	259	83	14	6	....	1	....	....	....	....	..	6	1,965	11.82
35 to 40	116	245	227	145	124	40	10	4	....	....	....	....	....	..	5	916	5.51
40 to 45	30	75	100	111	89	51	27	6	....	1	....	....	....	..	2	492	2.96
45 to 50	13	32	52	69	57	71	46	12	6	1	2	....	....	..	....	361	2.17
50 to 55	4	19	26	44	43	38	45	39	14	10	2	....	....	..	2	286	1.72
55 to 60	6	7	9	12	13	34	32	31	19	7	2	2	....	..	....	174	1.05
60 to 65	2	2	4	9	13	9	19	32	18	22	1	1	....	..	....	132	.79
65 to 70	.....	1	1	2	1	9	25	13	14	10	9	7	....	..	....	92	.55
70 to 75	.....	.....	2	.....	2	4	2	6	12	14	2	2	1	..	....	47	.28
75 to 80	.....	.....	.....	.....	.....	2	3	3	3	1	2	1	....	..	....	15	.09
80 and over	.....	.....	.....	.....	.....	....	1	....	2	1	1	....	....	..	....	5	.03
Unknown	1	1	1	1	.....	....	....	....	....	....	1	....	....	..	27	32	.19
Total females	5,815	6,233	2,301	861	495	288	220	147	89	67	22	13	1	..	79	16,631	.....
Per cent of brides at each age	34.96	37.48	13.84	5.18	2.98	1.73	1.32	.88	.54	.40	.13	.08	.01	..	.47	.....	100.00

TABLE 43.—*Exhibiting, by Counties, the Number of Marriages in Michigan for the Years 1884, 1885, and 1886; the Number as first returned, and the Number returned since Compilation for the Years 1884 and 1885; the Number of Inhabitants in 1884, and the Per Cent of Marriages in 1886 to Population in 1884.*

State and Counties.	Marriages.							Population 1884, represented by marriages in 1886.	Number of inhabitants in 1884 to one marriage in 1886.	Per cent of marriages in 1886 to population in 1884.
	1884.			1885.			1886.			
	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1885.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1885.	Number returned.			
State	15,002	861	15,863	15,016	677	15,693	16,631	1,853,658	111	.90
Alcona	19	1	20	32	1	33	27	4,028	149	.67
Alger	.....	.....	.....	3	.....	3	4	a	.....	.....
Allegan	331	.....	331	324	14	338	372	38,666	104	.96
Alpena	93	6	99	133	1	134	118	12,683	108	.93
Antrim	77	.....	77	86	.....	86	83	8,761	106	.95
Arenac	20	.....	20	15	.....	15	28	4,027	144	.70
Baraga	17	.....	17	15	5	20	15	3,039	203	.49
Barry	195	1	196	209	2	211	200	24,102	121	.83
Bay	343	3	346	307	9	316	358	51,221	143	.70
Benzie	25	.....	25	45	.....	45	31	4,389	142	.71
Berrien	535	16	551	432	39	471	602	37,776	63	1.59
Branch	217	63	280	281	11	292	279	27,661	99	1.01
Calhoun	364	7	371	342	14	356	312	41,585	133	.75
Cass	229	11	240	208	8	216	235	21,202	90	1.11
Charlevoix	57	.....	57	47	2	49	41	9,275	226	.44
Cheboygan	74	.....	74	80	.....	80	86	9,946	116	.86
Chippewa	64	.....	64	69	1	70	89	8,422	95	1.06
Clare	49	.....	49	52	2	54	46	5,549	121	.83
Clinton	188	.....	188	202	3	205	214	27,135	127	.79
Crawford	19	.....	19	19	.....	19	16	2,389	149	.67
Delta	80	15	95	79	14	93	100	9,992	100	1.00
Eaton	237	5	242	283	16	299	280	31,802	114	.88
Emmet	57	4	61	57	7	64	52	7,944	153	.65
Genesee	293	35	328	289	34	323	349	38,776	111	.90
Gladwin	13	3	16	19	.....	19	15	1,539	103	.97

a Organized since census was taken.

TABLE 43.—CONTINUED.—*Marriages, Corrected by Counties.*

Counties.	Marriages.							Population 1884, represented by marriages in 1886.	Number of inhabitants in 1884 to one marriage in 1886.	Per cent of marriages in 1886 to population in 1884.
	1884.			1885.			1886.			
	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1888.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1888.	Number returned.			
Grand Traverse	70	.....	70	85	.....	85	96	12,092	126	.79
Gratiot	157	4	161	210	1	211	209	25,049	120	.83
Hillsdale	351	6	357	341	1	342	298	31,686	106	.94
Houghton	237	1	238	193	.....	193	251	26,146	104	.96
Huron	129	27	156	114	10	124	140	24,521	175	.57
Ingham	264	60	324	301	3	304	317	34,939	110	.91
Ionia	269	15	284	282	7	289	266	32,559	122	.82
Iosco	98	5	103	86	.....	86	102	10,602	104	.96
Iron	.....	.....	.....	7	.....	7	16	[a]	.....	.....
Isabella	110	2	112	142	3	145	159	16,011	101	.99
Jackson	390	12	402	367	.....	367	339	45,232	133	.75
Kalamazoo	283	72	355	248	38	286	320	35,281	110	.91
Kalkaska	26	.....	26	23	4	27	25	4,493	180	.56
Kent	725	133	858	848	11	859	1,002	84,600	84	1.18
Keweenaw	21	.....	21	17	.....	17	7	4,667	667	.15
Lake	37	3	40	55	.....	55	39	7,539	193	.52
Lapeer	220	13	233	238	3	241	224	30,057	134	.75
Leelanaw	62	1	63	46	.....	46	37	7,128	193	.52
Lenawee	461	29	490	505	26	531	514	49,584	96	1.04
Livingston	136	7	143	124	1	125	171	21,568	126	.79
Mackinac	23	.....	23	29	.....	29	42	5,171	123	.81
Macomb	223	1	224	241	3	244	250	31,293	125	.80
Manistee	201	9	210	155	38	193	221	19,875	90	1.11
Manitou	3	.....	3	7	.....	7	2	1,198	599	.17
Marquette	169	22	191	141	42	183	216	31,397	145	.69
Mason	118	.....	118	80	.....	80	111	13,221	119	.84
Mecosta	179	7	186	204	12	216	187	20,597	110	.91
Menominee	155	2	157	157	.....	157	200	19,120	96	1.05
Midland	79	1	80	85	7	92	84	8,776	104	.96
Missaukee	15	.....	15	22	.....	22	22	3,386	154	.65
Monroe	342	19	361	333	19	352	361	33,353	92	1.08
Montcalm	286	16	302	297	2	299	308	35,356	115	.87

a Organized since census was taken.

TABLE 43.—CONTINUED.—*Marriages, Corrected by Counties.*

Counties.	Marriages.							Population 1884, represented by marriages in 1886.	Number of inhabitants in 1884 to one marriage in 1886.	Per cent of marriages in 1886 to population in 1884.
	1884.			1885.			1886.			
	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1888.	Number as first returned and compiled.	Number returned since first compilation.	Number returned previous to April 6, 1888.	Number returned.			
Montmorency	4	.....	4	7	.....	7	6	845	141	.71
Muskegon	395	1	396	303	8	311	314	37,554	120	.84
Newaygo	157	1	158	111	31	142	150	18,996	127	.79
Oakland	290	21	311	281	13	294	315	41,100	130	.77
Oceana	110	.....	110	112	1	113	106	14,519	137	.73
Ogemaw	25	.....	25	25	1	26	42	3,637	87	1.15
Ontonagon	15	.....	15	18	.....	18	34	4,836	142	.70
Osceola	131	5	136	101	.....	101	142	14,001	99	1.01
Oscoda	8	.....	8	11	.....	11	6	1,374	229	.44
Otsego	31	.....	31	40	.....	40	23	3,906	170	.59
Ottawa	336	16	352	275	7	282	300	36,225	121	.83
Presque Isle	37	.....	37	28	.....	28	20	4,064	203	.49
Roscommon	10	.....	10	13	.....	13	9	2,588	288	.35
Saginaw	574	.....	574	483	102	585	646	74,795	116	.86
Sanilac	153	7	160	209	8	217	208	29,583	142	.70
Schoolcraft	19	.....	19	38	.....	38	39	3,846	99	1.01
Shiawassee	176	1	177	227	1	228	212	28,078	132	.76
St. Clair	394	21	415	382	19	401	397	46,783	118	.85
St. Joseph	290	35	325	344	8	352	338	26,277	78	1.29
Tuscola	230	26	256	231	14	245	281	30,726	109	.91
Van Buren	250	6	256	267	11	278	286	30,341	106	.94
Washtenaw	320	16	336	293	4	297	377	41,694	111	.90
Wayne	1,494	67	1,561	1,506	34	1,540	1,781	188,966	106	.94
Wexford	118	1	119	100	1	101	111	10,518	95	1.06

DEATHS, 1886.

There were 18,187 deaths returned in 1886, an increase of 1,541 over the number reported in 1885, and an increase of 131 over the number reported in 1884. With the exception of the year 1881, the number returned for 1886 is larger than for any preceding year. The population, according to the State census of 1884, represented by the returns of deaths for 1886, was 1,848,064, and the ratio of deaths to population was 9.8 to 1,000.

Corrected for omissions in the enumeration, the number of deaths occurring in 1886 is estimated at 25,210, and the death-rate 13.6 to 1,000 inhabitants. Even this ratio is evidently too small, as the death-rate in Massachusetts, which State has as accurate a system of registration as any in this country, for the year 1886 was 18.85 per thousand, and its average death-rate for the thirty-six years, 1851-1886, was 19.40. In the State of Rhode Island the annual death-rate exceeds 16 in every thousand, and in England and most foreign countries the death-rate is somewhat higher than that of Massachusetts. While the States of Massachusetts and Rhode Island have a larger population to a given territory than has Michigan, and their inhabitants are subjected to dangers to health arising from factory life, still the death-rate in this State would be found to be much larger if a more accurate system of registration was adopted.

The following tabular statement gives the death-rate in Michigan, both as regards the number returned and the number corrected for omissions in the enumeration.

	Inhabitants in 1884 Represented by Deaths in 1886.	Deaths as Returned.	Deaths Corrected for Omissions in Enumerating.	Per Cent of Deaths to Inhabitants.	
				Deaths as Returned.	Deaths Corrected for Omissions.
Total	1,848,064	18,187	25,210	.98	1.36

The average number of deaths for certain specified periods of time during the year 1886, as returned and as corrected for omissions in enumerating, including those in unknown month, was as follows:

Periods of Time.	Deaths as Returned.	Corrected for Omissions.
Per quarter	4,547	6,303
Per month	1,516	2,101
Per week	350	485
Per day	50	69

The number of deaths by quarters, thus exhibiting the influence of the seasons upon mortality in Michigan, is given in Table 44, which includes the returns as officially made, and the additions thereto for the purpose of correcting omissions. The first and third quarters continue to show the least and highest number of deaths respectively, which is the usual order, though the corrected returns of 1885 make the first quarter the highest, an unusual showing. The per cent of greatest over least quarter, in corrected returns, is 5.29 and of greatest over least in the ten-year average is 4.99.

Table 45 exhibits the number of deaths as officially returned, by months in the order of number of deaths, greatest first, also the per cent for each month and those in which the month of death is unknown. The month of September shows the greatest number of deaths for 1886, but was second in 1884-5 and the ten-year average. January stands at the foot of the list through the table. The excess of September over January is 824, or 4.53 per cent. In the ten-year average the excess of greatest over least month is 724, or 4.64 per cent.

TABLE 44.—*Deaths in Michigan by Quarters of the Year, exhibiting the Number and Per Cent of Total as returned and as corrected for the Years 1884–1886, and the Average for Ten Years, 1876–1885.*

	Totals and Months with which Quarters end.	1884.		1885.		1886.		Average for 10 Years 1876–1885.	
		Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.
	Totals	18,056	100.00	16,646	100.00	18,187	100.00	15,604	100.00
As Returned.	March	3,689	20.43	3,819	22.94	3,620	19.90	3,159	20.25
	June	4,104	22.73	3,945	23.70	4,053	22.28	3,555	22.78
	September	5,314	29.43	4,408	26.48	5,237	28.80	4,580	29.35
	December	4,893	27.10	4,418	26.54	5,217	28.69	4,260	27.30
	Unknown	56	.31	56	.34	60	.33	50	.32
	Average*	4,514	25.00	4,162	25.00	4,547	25.00	3,901	25.00
	Totals	25,133	100.00	22,704	100.00	25,210	100.00	22.861	100.00
As Corrected for Omissions.	March	5,836	23.22	5,844	25.74	5,717	22.68	5,337	23.35
	June	6,030	23.99	5,637	24.83	5,949	23.60	5,545	24.25
	September	7,166	28.51	5,810	25.59	7,053	27.97	6,480	28.34
	December	6,045	24.05	5,357	23.59	6,431	25.51	5,449	23.84
	Unknown	56	.23	56	.25	60	.24	50	.22
	Average*	6,283	25.00	5,676	25 00	6,303	25.00	5,715	25.00

* Including deaths in unknown month.

TABLE 45.—*Exhibiting, by Months, the Number and Per Cent of Deaths returned for the Years 1884, 1885, 1886, and the Average for Ten Years 1876–1885, the months arranged in order by number of deaths, greatest first.*

Order.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Year and Months.	Number.	Per Ct. of Total.	Year and Months.	Number.	Per Ct. of Total.	Year and Months.	Number	Per Ct. of Total.	Year and Months.	Number.	Per Ct. of Total.
	Year...	18,056	100.00	Year...	16,646	100.00	Year...	18,187	100.00	Year...	15,604	100.00
1	Aug....	1,917	10.62	Dec....	1,564	9.40	Sept...	1,889	10.39	Aug....	1,651	10.58
2	Sept...	1,877	10.40	Sept...	1,559	9.37	Aug....	1,887	10.37	Sept...	1,614	10.34
3	Oct....	1,752	9.70	Oct....	1,492	8.96	Dec....	1,841	10.12	Dec....	1,491	9.55
4	Dec....	1,615	8.95	Aug....	1,486	8.93	Oct....	1,761	9.68	Oct....	1,438	9.22
5	Nov...	1,526	8.45	April..	1,474	8.85	Nov...	1,615	8.88	Nov...	1,331	8.53
6	July...	1,520	8.42	Mar...	1,421	8.54	Mar....	1,462	8.04	July...	1,315	8.43
7	May...	1,456	8.06	July...	1,363	8.19	July...	1,461	8.03	April..	1,254	8.04
8	Mar....	1,421	7.87	Nov....	1,362	8.18	April..	1,396	7.68	May...	1,223	7.84
9	April..	1,382	7.65	May...	1,286	7.72	May...	1,376	7.57	Mar...	1,206	7.73
10	June...	1,266	7.01	Feb....	1,267	7.61	June...	1,281	7.04	June...	1,078	6.91
11	Feb....	1,181	6.54	June...	1,185	7.12	Feb....	1,093	6.01	Feb....	1,026	6.57
12	Jan....	1,087	6.02	Jan....	1,131	6.79	Jan....	1,065	5.86	Jan....	927	5.94
	Unk...	56	.31	Unk...	56	.34	Unk...	60	.33	Unk...	50	.32
	Av.....	1,505	8.33	Av.....	1,387	8.33	Av.....	1,516	8.33	Av.....	1,300	8.33

SEX OF DECEDENTS.

Table 46 shows the number and proportion of the sexes among the decedents in Michigan for the fourteen years 1873 to 1886, and the average for the same time. The excess of male deaths for 1886 was 1,323, being 133 less than last year, and the relative proportion was about 116 male to every 100 female deaths. The total excess of male deaths for the fourteen years of the table was 14,865, and the average proportion of the sexes for that time has been 115 males to 100 females. The ratio of births during the same period was about 108 males to 100 females.

TABLE 46.—*Number and Per Cent of Deaths of Males and of Females returned in Michigan for the Years 1873–1886. (Unknown sex excluded.)*

Years.	Deaths of males, as returned.	Deaths of females, as returned.	Deaths of males to 100 deaths of females.	Per Cent of Each Sex to Total of Both Sexes.			
				Males.	Females.	Excess of the Sexes.	
						Males.	Females.
1873	7,651	6,590	116.1	53.73	46.27	7.46	.....
1874	6,665	5,804	114.8	53.45	46.55	6.90	.....
1875	6,448	5,484	117.6	54.04	45.96	8.08	.....
1876	6,756	5,761	117.3	53.97	46.03	7.94	.....
1877	6,827	6,040	113.0	53.06	46.94	6.12	.....
1878	6,632	6,082	109.0	52.16	47.84	4.32	.....
1879	7,522	6,848	109.8	52.34	47.66	4.68	.....
1880	8,645	7,410	116.7	53.85	46.15	7.70	.....
1881	10,263	8,910	115.2	53.53	46.47	7.06	.....
1882	8,713	7,664	113.7	53.20	46.80	6.40	.....
1883	9,101	7,748	117.5	54.02	45.98	8.04	.....
1884	9,589	8,385	114.4	53.35	46.65	6.70	.....
1885	9,025	7,569	119.2	54.39	45.61	8.78	.....
1886	9,725	8,402	115.7	53.65	46.35	7.30	.....
Average	8,112	7,050	115.0	53.48	46.52	6.96	.....

Table 47 exhibits the number and percentage of the total deaths after the additions have been made to correct the omissions. As these additions are graded according to the length of time elapsed between the occurrence of the deaths and their enumeration, the order of the months is usually changed from that in the table of original returns. The excess of greatest month over least is 819, or 446 above the monthly average. The months of August, September, March, October and December show deaths above the average. April has the average number, and the remaining months are below it. March, June, October, November and December occupy higher places in 1886 than in the ten-year average, while February, April, May and July stand lower.

TABLE 47.—*Exhibiting, by Months, the Number and Per Cent of Deaths, as Corrected for Omissions in the Enumeration, for the Years 1884–1886, and the Average for Ten Years 1876–1885. Months arranged in order by Number, greatest first.*

Order.	1884.			1885.			1886.			Average for 10 Years, 1876–1885.		
	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.	Months.	Number.	Per Cent of Total.
	Totals.	25,133	100.00	Totals.	22,704	100.00	Totals.	25,210	100.00	Totals.	22,861	100.00
1	Aug.	2,590	10.30	Apr.	2,155	9.49	Aug.	2,547	10.10	Aug.	2,339	10.23
2	Sept.	2,463	9.80	Mar.	2,128	9.37	Sept.	2,477	9.82	Sept.	2,213	9.68
3	Oct.	2,231	8.88	Sept.	2,002	8.82	Mar.	2,258	8.96	Apr.	2,009	8.79
4	Mar.	2,199	8.75	Aug.	1,961	8.64	Oct.	2,240	8.89	Mar.	1,988	8.70
5	May.	2,138	8.51	Feb.	1,942	8.55	Dec.	2,199	8.72	July.	1,928	8.44
6	July.	2,113	8.41	Oct.	1,863	8.20	Apr.	2,102	8.34	May.	1,906	8.34
7	Apr.	2,083	8.29	July.	1,847	8.14	July.	2,029	8.05	Oct.	1,906	8.34
8	Dec.	1,930	7.68	Dec.	1,842	8.11	May.	2,018	8.00	Dec.	1,839	8.04
9	Nov.	1,884	7.49	May.	1,834	8.08	Nov.	1,992	7.90	Feb.	1,739	7.61
10	Feb.	1,871	7.44	Jan.	1,774	7.81	June.	1,829	7.25	Nov.	1,704	7.45
11	June.	1,809	7.20	Nov.	1,652	7.28	Feb.	1,731	6.87	June.	1,630	7.13
12	Jan.	1,766	7.03	June.	1,648	7.26	Jan.	1,728	6.86	Jan.	1,610	7.04
	Unk.	56	.22	Unk.	56	.25	Unk.	60	.24	Unk.	50	.21
	Av.[a]	2,094	8.33	Av.[a]	1,892	8.33	Av.[a]	2,101	8.33	Av.[a]	1,905	8.33

[a] Including deaths in unknown month.

AGES OF PERSONS WHO DIED IN MICHIGAN IN 1886.

In Table 48 are presented the deaths by age and sex for the different periods of life during the year 1886. It shows that more than a fourth of all the deaths were those of children under one year of age, and more than a third of the total mortality occurred among children under five. The average per cent of deaths under one for the twelve years 1875-1886 was 25.73, and the average per cent for children under five for the same period of years was 39.60.

The proportion of males and females among the decedents at different ages is also shown in this table. In the period under one year of age, the deaths of males largely predominate, the excess being 609, or 12.92 per cent, and is in the proportion of about 130 males to 100 females. In the ages from 15 to 45 there is an excess among female decedents, which fact is quite significant.

In the State of Massachusetts for the year 1886 the per cent of deaths among children under one was 21.05 and of those under 5, it was 31.61. The average per cents for the fifteen years 1872-1886, were 20.94 and 34.00 respectively. As compared with our own State the above shows a reduction of about 5 per cent in infant mortality, which may be seen by an examination of Table 49, which is similar to the table published in the report from Massachusetts.

TABLE 48.—*Exhibiting, by Sex, and by Age in Periods of Years, the Number and Proportion of Persons returned as having died in Michigan during the Year 1886; also the Excess of Persons of each Sex.*

Ages in Years and Periods.	Number of Deaths, 1886.				Per Cent of Deaths at each Age to Total at all Ages.			Per Cent of each Sex to Total of Both Sexes.				Excess of the Sexes by Number.		Males to 100 females.
	Totals.	Males.	Females.	Unknown.	Totals.	Males.	Females.	Males.	Females.	Excess. Males.	Excess. Females.	Males.	Females.	
All ages	18,187	9,725	8,402	60	100.00	100.00	100.00	53.65	46.35	7.30	.....	1,323	.....	115.63
Under 1	4,769	2,663	2,054	52	26.22	27.39	24.45	56.46	43.54	12.92	.....	609	.....	129.65
1 to 2	1,056	550	506	....	5.81	5.66	6.02	52.08	47.92	4.16	.....	44	.....	108.70
2 to 3	568	287	281	....	3.12	2.95	3.34	50.53	49.47	1.06	.....	6	.....	102.14
3 to 4	374	187	187	....	2.06	1.92	2.23	50.00	50.00	.....	.....	.....	.....	100.00
4 to 5	288	149	139	....	1.58	1.53	1.65	51.74	48.26	3.48	.....	10	.....	107.19
Under 5	7,055	3,836	3,167	52	38.79	39.45	37.69	54.78	45.22	9.56	.....	669	.....	121.12
5 to 10	882	451	431	....	4.85	4.64	5.13	51.13	48.87	2.26	.....	20	.....	104.64
10 to 15	516	241	275	....	2.84	2.48	3.27	46.71	53.29	.....	6.58	.....	34	87.64
15 to 20	708	338	370	....	3.89	3.48	4.40	47.74	52.26	.....	4.52	.....	32	91.35
20 to 25	811	387	424	....	4.46	3.98	5.05	47.72	52.28	.....	4.56	.....	37	91.27
25 to 30	789	340	449	....	4.34	3.50	5.34	43.09	56.91	.....	13.82	.....	109	75.72
30 to 35	573	269	304	....	3.15	2.77	3.62	46.95	53.05	.....	6.10	.....	35	88.49
35 to 40	563	282	281	....	3.10	2.90	3.34	50.09	49.91	.18	.....	1	.....	100.36
40 to 45	524	261	263	....	2.88	2.64	3.13	49.81	50.19	.....	.38	.....	2	99.24
45 to 50	558	307	251	....	3.07	3.16	2.99	55.02	44.98	10.04	.....	56	.....	122.31
50 to 55	544	295	249	....	2.99	3.03	2.96	54.23	45.77	8.46	.....	46	.....	118.47
55 to 60	593	349	244	....	3.26	3.59	2.91	58.85	41.15	17.70	.....	105	.....	143.03
60 to 65	666	373	293	....	3.66	3.84	3.49	56.01	43.99	12.02	.....	80	.....	127.30
65 to 70	761	447	314	....	4.18	4.60	3.74	58.74	41.26	17.48	.....	133	.....	142.36
70 to 75	741	463	278	....	4.08	4.76	3.31	62.48	37.52	24.96	.....	185	.....	166.55
75 to 80	671	400	271	....	3.69	4.12	3.23	59.61	40.39	19.22	.....	129	.....	147.60
80 to 85	464	255	209	....	2.55	2.62	2.49	54.96	45.04	9.92	.....	46	.....	122.01
85 to 90	286	175	111	....	1.57	1.80	1.32	61.19	38.81	22.38	.....	64	.....	157.66
90 to 95	77	34	43	....	.42	.35	.51	44.16	55.84	.....	11.68	.....	9	79.07
95 to 100	25	13	12	....	.14	.14	.14	52.00	48.00	4.00	.....	1	.....	108.33
100 and over	3	2	1	....	.02	.02	.01	66.67	33.33	33.34	.....	1	.....	200.00
Unknown ages	377	207	162	8	2.07	2.13	1.93	56.10	43.90	12.20	.....	45	.....	127.78

TABLE 49.—*Exhibiting the Per Cent of Deaths at Different Ages, for the Years 1875–1886, and the Average for Twelve Years.*

Years.	Under 1 Year.	Under 5 Years.	20 to 30.	All Others.
1875	27.59	41.39	8.89	49.72
1876	27.24	40.72	8.58	50.70
1877	26.11	40.30	8.68	51.02
1878	25.22	39.22	8.43	52.35
1879	24.68	39.52	8.23	52.25
1880	24.66	39.95	7.96	52.09
1881	24.20	40.63	9.00	50.37
1882	24.38	38.81	8.72	52.47
1883	24.83	38.26	9.37	52.37
1884	27.22	40.05	9.08	50.87
1885	26.10	37.61	8.95	53.44
1886	26.22	38.79	8.80	52 41
Average	25.73	39.60	8.72	51.67

DEATHS BY MONTHS AT DIFFERENT AGES.

Table 50 presents the deaths of 1886 conveniently grouped by periods of age and months of death. The first line in each group of three, "Number," gives the number of deaths in that period for the year and each month; the second line gives the per cent, or proportion the deaths of that period bear to the total for the year or month; the third line gives the per cent, or proportion which the deaths in each month bear to the total deaths in the year for that period.

In the group of all children under five the month of August shows the greatest mortality for the year and January the least; the months of July, August, September, October and December show deaths above the monthly average, the remaining months below. August has 4.88 per cent above the average in that period and January 2.80 per cent below, the extreme of fluctuation being 7.68 per cent.

In the period of 5 to 10 October is highest with 12.06 per cent and April lowest with 5.69 per cent, the extreme of fluctuation being 6.37.

In 10 to 20 October and December are even with 9.74, or 1.41 per cent above the average; January lowest with 5.81, or 2.52 per cent below, the extreme fluctuation being 3.93 per cent.

In 20 to 50 December leads with 10.18, while February has 5.91, making extreme fluctuation 4.27 per cent. In 50 and over December is highest with 10.39, and January lowest with 5.72, fluctuation 4.67 per cent. These figures bear out the deductions given in the report for 1885.

TABLE 50.—*The Relation of the Deaths at Different Periods of Age to Deaths at All Ages, by Months; and for the same Period of Age, the Relation of the Deaths in each Month to the Deaths in the Year 1886.*

Deaths by Ages in Periods of Years.		Year, 1886.*	Months, 1886.											
			Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
All Ages		18,127	1,065	1,093	1,462	1,396	1,376	1,281	1,461	1.887	1,889	1,761	1,615	1,841
Under 1	Number	4,760	227	266	325	302	317	281	453	682	636	476	349	446
	Per Cent of All Ages	26.26	21.31	24.34	22.23	21.63	23.04	21.94	31.01	36.14	33.67	27.05	21.61	24.23
	Per Cent of Deaths, 1886	100.00	4.77	5.59	6.83	6.34	6.66	5.90	9.52	14.33	13.36	10.00	7.33	9.37
All under 5	Number	7,040	389	411	486	428	467	429	628	930	910	701	568	693
	Per Cent of All Ages	38.84	36.53	37.60	33.24	30.66	33.94	33.49	42.98	49.28	48.18	39.81	35.17	37.64
	Per Cent of Deaths, 1886	100.00	5.53	5.84	6.90	6.07	6.63	6.09	8.92	13.21	12.93	9.96	8.07	9.85
5 to 10	Number	879	54	54	63	50	68	65	80	68	76	106	92	103
	Per Cent of All Ages	4.85	5.07	4.94	4.31	3.58	4 94	5.07	5.48	3.60	4.02	6.02	5.70	5.60
	Per Cent of Deaths, 1886	100.00	6.14	6.14	7.17	5.69	7.74	7.39	9.10	7.74	8.64	12.06	10.47	11.72
10 to 20	Number	1,222	71	88	112	101	92	96	88	112	113	119	111	119
	Per Cent of All Ages	6.74	6.67	8.05	7.66	7.23	6.69	7.49	6.02	5.94	5.98	6.76	6.87	6.46
	Per Cent of Deaths, 1886	100 00	5.81	7.20	9.16	8.27	7.53	7.86	7.20	9.16	9.25	9.74	9.08	9.74
20 to 50	Number	3,810	249	225	355	342	319	265	292	331	335	356	353	388
	Per Cent of All Ages	21.02	23.38	20.59	24.28	24.50	23.18	20.69	19.99	17.54	17.74	20.21	21.86	21.08
	Per Cent of Deaths, 1886	100.00	6.54	5.91	9.32	8.98	8.37	6.96	7.66	8.69	8.79	9.34	9.26	10.18
50 and over	Number	4,822	276	295	420	451	400	404	345	416	413	445	456	501
	Per Cent of All Ages	26.60	25.91	26.99	28.73	32.31	29.07	31.54	23.61	22.05	21.86	25.27	28.23	27.21
	Per Cent of Deaths, 1886	100.00	5.72	6.12	8.71	9.35	8.30	8.38	7.15	8.63	8.56	9.23	9.46	10.39
Unknown ages	Number	354	26	20	26	24	30	22	28	30	42	34	35	37
	Per Cent of All Ages	1.95	2.44	1.83	1.78	1.72	2.18	1.72	1.92	1.59	2.22	1.93	2.17	2.01
	Per Cent of Deaths, 1886	100.00	7.35	5.65	7.35	6.78	8.47	6.22	7.91	8.47	11.86	9.60	9.89	10.45

* Excluding unknown month.

TABLE 51.—*Exhibiting, by Sex and by Age in Periods of Years, the Number of Persons Returned as having Died in Michigan during the Year, and in each Month of the Year, 1886.*

Ages in Periods of Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
All ages	Totals	18,187	1065	1093	1462	1396	1376	1281	1461	1887	1889	1761	1615	1841	60
	Males	9,725	592	581	750	733	723	690	801	1049	1001	894	868	1007	33
	Females	8,402	469	510	705	657	645	587	655	832	882	860	744	830	26
	Unknown	60	4	2	7	6	5	4	5	6	6	7	3	4	1
Under 1	Totals	4,769	227	266	325	302	317	281	453	682	636	476	349	446	9
	Males	2,663	127	165	164	165	178	165	253	385	344	266	195	249	7
	Females	2,054	96	99	154	131	134	112	195	292	286	207	153	193	2
	Unknown	52	4	2	7	6	5	4	5	5	6	3	1	4	...
All under 5	Totals	7,055	389	411	486	428	467	429	628	930	910	701	568	693	15
	Males	3,836	215	231	251	228	255	244	340	515	494	376	300	378	9
	Females	3,167	170	178	228	194	207	181	283	410	410	322	267	311	6
	Unknown	52	4	2	7	6	5	4	5	5	6	3	1	4	...
5 to 10	Totals	882	54	54	63	50	68	65	80	68	76	106	92	103	3
	Males	451	27	27	36	28	39	38	41	33	37	45	44	53	3
	Females	431	27	27	27	22	29	27	39	35	39	61	48	50	...
10 to 15	Totals	516	31	44	48	34	36	44	35	52	48	40	48	55	1
	Males	241	16	17	22	13	15	21	20	25	21	18	26	27	...
	Females	275	15	27	26	21	21	23	15	27	27	22	22	28	1
15 to 20	Totals	708	40	44	64	67	56	52	53	60	65	79	63	64	1
	Males	338	20	21	32	28	26	21	27	32	35	32	27	37	...
	Females	370	20	23	32	39	30	31	26	28	30	47	36	27	1
20 to 25	Totals	811	51	51	70	66	68	45	75	69	62	88	75	91	...
	Males	387	25	24	32	33	28	16	38	38	25	50	37	41	...
	Females	424	26	27	38	33	40	29	37	31	37	38	38	50	...
25 to 30	Totals	789	48	52	78	66	70	49	56	65	66	81	73	82	3
	Males	340	23	22	24	27	28	24	22	26	36	34	34	38	2
	Females	449	25	30	54	39	42	25	34	39	30	47	39	44	1
30 to 35	Totals	573	34	22	57	53	44	46	45	53	63	48	55	51	2
	Males	269	18	8	28	26	22	22	20	23	29	19	30	23	1
	Females	304	16	14	29	27	22	24	25	30	34	29	25	28	1

TABLE 51.—CONTINUED.—*Deaths by Periods of Age, by Sex, by Months.*

Ages in Periods of Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
35 to 40	Totals	563	41	34	63	54	38	37	34	49	51	47	51	63	1
	Males	282	20	20	30	19	18	17	19	25	24	22	29	38	1
	Females	281	21	14	33	35	20	20	15	24	27	25	22	25	...
40 to 45	Totals	524	36	29	43	59	46	38	37	36	45	48	48	57	2
	Males	261	18	13	28	28	24	19	18	19	17	21	26	29	1
	Females	263	18	16	15	31	22	19	19	17	28	27	22	28	1
45 to 50	Totals	558	39	37	44	44	53	50	45	59	48	44	51	44	...
	Males	307	18	21	26	25	27	27	24	40	17	22	32	28	...
	Females	251	21	16	18	19	26	23	21	19	31	22	19	16	...
50 to 55	Totals	544	26	33	47	33	41	38	35	50	53	59	66	63	...
	Males	295	16	18	24	22	17	20	15	28	28	35	36	36	...
	Females	249	10	15	23	11	24	18	20	22	25	24	30	27	...
55 to 60	Totals	593	43	36	60	50	51	49	48	45	46	52	59	54	...
	Males	349	32	21	39	28	27	24	32	30	24	25	33	34	...
	Females	244	11	15	21	22	24	25	16	15	22	27	26	20	...
60 to 65	Totals	666	33	33	60	71	64	51	38	79	55	50	69	63	...
	Males	373	17	17	23	44	40	30	24	40	27	29	45	37	...
	Females	293	16	16	37	27	24	21	14	39	28	21	24	26	...
65 to 70	Totals	761	45	50	57	67	65	77	49	57	69	72	75	76	2
	Males	447	31	29	29	38	37	39	26	40	53	32	36	55	2
	Females	314	14	21	28	29	28	38	23	17	16	40	39	21	...
70 to 75	Totals	741	45	49	63	89	49	61	58	54	68	70	59	76	...
	Males	463	30	32	39	58	33	40	39	34	38	35	36	49	...
	Females	278	15	17	24	31	16	21	19	20	30	35	23	27	...
75 to 80	Totals	671	40	42	54	60	60	57	49	62	57	58	60	70	2
	Males	400	25	21	30	38	37	36	32	36	35	34	37	38	1
	Females	271	15	21	24	22	23	21	17	26	22	24	23	32	1
80 to 85	Totals	464	26	31	39	47	34	38	37	40	36	48	35	50	3
	Males	255	15	16	22	20	19	20	23	22	23	29	22	22	2
	Females	209	11	15	17	27	15	18	14	18	13	19	13	28	1
85 to 90	Totals	286	11	17	31	24	22	26	24	22	24	22	26	36	1
	Males	175	7	8	21	15	13	17	13	16	16	12	16	21	...
	Females	111	4	9	10	9	9	9	11	6	8	10	10	15	1
90 to 95	Totals	77	5	3	6	7	11	6	5	4	4	11	4	10	1
	Males	34	3	.....	1	4	6	2	3	3	3	6	1	1	1
	Females	43	2	3	5	3	5	4	2	1	1	5	3	9	...

TABLE 51.—CONTINUED.—*Deaths by Periods of Age, by Sex, by Months.*

Ages in Periods of Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
95 to 100	Totals	25	2	1	2	2	2	1	2	3	1	3	3	3	---
	Males	13	2	1	1	-----	2	1	1	2	1	-----	1	1	---
	Females	12	-----	-----	1	2	-----	-----	1	1	-----	3	2	2	---
100 and over	Totals	3	-----	-----	1	1	1	-----	-----	-----	-----	-----	-----	-----	---
	Males	2	-----	-----	1	-----	1	-----	-----	-----	-----	-----	-----	-----	---
	Females	1	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	---
Unknown	Totals	377	26	20	26	24	30	22	28	30	42	34	35	37	23
	Males	207	14	14	11	11	12	12	24	22	18	18	20	21	10
	Females	162	12	6	15	13	18	10	4	7	24	12	13	16	12
	Unknown	8	-----	-----	-----	-----	-----	-----	-----	1	-----	4	2	-----	1

TABLE 52.—*Exhibiting by Sex and by Months, the Number returned as having Died in Michigan during the Year 1886 at each and every Age, the Age stated in Twelfths of a Year for those under One Year, and in Years for those over One Year of Age.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Under 1-12	Totals	2,096	127	150	171	166	184	130	174	200	185	174	182	249	4
	Males	1,221	74	91	89	92	108	78	99	126	109	99	104	148	4
	Females	824	49	57	76	68	71	48	70	69	70	72	77	97	...
	Unknown	51	4	2	6	6	5	4	5	5	6	3	1	4	...
1-12	Totals	394	11	15	28	22	25	29	42	57	48	48	37	32	...
	Males	225	5	8	11	10	14	17	26	32	29	31	22	20	...
	Females	168	6	7	16	12	11	12	16	25	19	17	15	12	...
	Unknown	1	...	...	1	...	...	...	...	...	...	...	...	...	...
2-12	Totals	320	11	14	26	12	14	15	31	52	60	50	14	20	1
	Males	166	3	11	13	7	10	8	16	27	31	23	9	7	1
	Females	154	8	3	13	5	4	7	15	25	29	27	5	13	...
3-12	Totals	349	10	12	10	16	17	31	43	62	57	41	26	24	...
	Males	190	6	9	4	10	9	19	24	36	25	22	15	11	...
	Females	159	4	3	6	6	8	12	19	26	32	19	11	13	...
4-12	Totals	286	12	9	8	8	16	16	30	62	62	28	14	21	...
	Males	158	6	7	5	3	12	5	21	35	34	12	9	9	...
	Females	128	6	2	3	5	4	11	9	27	28	16	5	12	...
5-12	Totals	220	7	7	13	12	8	13	18	37	48	25	8	22	2
	Males	121	4	3	10	5	4	6	9	19	30	15	3	12	1
	Females	99	3	4	3	7	4	7	9	18	18	10	5	10	1
6-12	Totals	253	12	16	16	10	10	11	25	56	40	21	17	18	1
	Males	135	9	10	9	5	3	5	12	32	19	9	8	14	...
	Females	118	3	6	7	5	7	6	13	24	21	12	9	4	1
7-12	Totals	190	4	8	10	11	11	7	24	34	32	26	9	13	1
	Males	104	2	5	1	7	4	6	10	19	18	17	5	9	1
	Females	86	2	3	9	4	7	1	14	15	14	9	4	4	...
8-12	Totals	174	11	6	13	11	12	5	19	40	21	12	12	12	...
	Males	89	6	4	9	8	6	3	11	16	12	6	5	3	...
	Females	85	5	2	4	3	6	2	8	24	9	6	7	9	...

TABLE 52.—CONTINUED —*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
9-12	Totals	189	12	15	12	11	7	9	21	27	31	21	10	13	...
	Males	96	5	9	4	7	3	7	8	13	16	11	5	8	...
	Females	93	7	6	8	4	4	2	13	14	15	10	5	5	...
10-12	Totals	141	7	8	7	8	5	11	14	24	24	11	12	10	...
	Males	69	5	5	2	4	2	9	6	14	9	5	5	3	...
	Females	72	2	3	5	4	3	2	8	10	15	6	7	7	...
11-12	Totals	157	3	6	11	15	8	4	12	31	28	19	8	12	...
	Males	89	2	3	7	7	3	2	11	16	12	16	5	5	...
	Females	68	1	3	4	8	5	2	1	15	16	3	3	7	...
1	Totals	1,056	58	64	55	58	70	66	91	135	163	101	87	106	2
	Males	550	33	26	34	27	34	37	45	64	89	57	48	54	2
	Females	506	25	38	21	31	36	29	46	71	74	44	39	52	...
2	Totals	568	44	41	48	29	35	37	42	59	55	58	60	59	1
	Males	287	24	17	24	19	18	18	21	33	29	28	27	29	...
	Females	281	20	24	24	10	17	19	21	26	26	30	33	30	1
3	Totals	374	33	25	33	26	25	27	27	30	32	34	33	47	2
	Males	187	17	12	16	11	16	15	12	16	20	11	14	27	...
	Females	187	16	13	17	15	9	12	15	14	12	23	19	20	2
4	Totals	288	27	15	25	13	20	18	15	24	24	32	39	35	1
	Males	149	14	11	13	6	9	9	9	17	12	14	16	19	...
	Females	139	13	4	12	7	11	9	6	7	12	18	23	16	1
5	Totals	230	18	9	19	12	14	18	12	16	18	41	20	33	...
	Males	115	10	4	9	4	8	8	7	10	8	18	12	17	...
	Females	115	8	5	10	8	6	10	5	6	10	23	8	16	...
6	Totals	204	15	13	15	13	16	12	25	15	14	18	21	25	2
	Males	108	9	8	7	9	10	10	13	9	5	5	9	12	2
	Females	96	6	5	8	4	6	2	12	6	9	13	12	13	...
7	Totals	182	6	14	13	6	16	17	17	13	21	23	23	13	...
	Males	95	2	7	9	3	9	10	9	5	11	11	10	9	...
	Females	87	4	7	4	3	7	7	8	8	10	12	13	4	...
8	Totals	154	7	10	10	13	13	12	14	12	13	13	21	16	...
	Males	75	2	3	6	8	7	7	6	6	8	8	9	5	...
	Females	79	5	7	4	5	6	5	8	6	5	5	12	11	...
9	Totals	112	8	8	6	6	9	6	12	12	10	11	7	16	1
	Males	58	4	5	5	4	5	3	6	3	5	3	4	10	1
	Females	54	4	3	1	2	4	3	6	9	5	8	3	6	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months,*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Unknown.
10	Totals	133	12	11	13	7	13	10	8	16	7	10	12	14	---
	Males	73	5	6	9	4	7	6	5	7	3	6	7	8	---
	Females	60	7	5	4	3	6	4	3	9	4	4	5	6	---
11	Totals	87	4	7	7	10	4	6	6	5	6	9	8	15	---
	Males	40	3	3	5	3	1	2	2	4	2	2	5	8	---
	Females	47	1	4	2	7	3	4	4	1	4	7	3	7	---
12	Totals	114	4	12	8	4	9	13	7	15	12	7	13	10	---
	Males	49	1	4	1	1	2	7	4	7	6	4	6	6	---
	Females	65	3	8	7	3	7	6	3	8	6	3	7	4	---
13	Totals	92	8	7	10	6	6	8	6	11	10	6	8	5	1
	Males	36	4	2	4	1	4	4	3	5	3	3	3	-----	---
	Females	56	4	5	6	5	2	4	3	6	7	3	5	5	1
14	Totals	90	3	7	10	7	4	7	8	5	13	8	7	11	---
	Males	43	3	2	3	4	1	2	6	2	7	3	5	5	---
	Females	47	-----	5	7	3	3	5	2	3	6	5	2	6	---
15	Totals	116	8	4	12	20	9	10	9	6	13	7	13	5	---
	Males	65	5	2	6	12	5	2	5	6	10	4	3	5	---
	Females	51	3	2	6	8	4	8	4	-----	3	3	10	-----	---
16	Totals	147	6	9	20	12	16	9	10	17	11	17	10	10	---
	Males	69	4	5	8	5	6	5	5	9	5	5	5	7	---
	Females	78	2	4	12	7	10	4	5	8	6	12	5	3	---
17	Totals	137	7	15	5	12	11	5	13	12	12	18	16	11	---
	Males	66	3	7	4	3	7	2	8	4	5	8	6	9	---
	Females	71	4	8	1	9	4	3	5	8	7	10	10	2	---
18	Totals	158	12	5	14	11	10	21	12	13	17	13	10	19	1
	Males	69	5	3	5	4	2	9	5	8	9	6	6	7	---
	Females	89	7	2	9	7	8	12	7	5	8	7	4	12	1
19	Totals	150	7	11	13	12	10	7	9	12	12	24	14	19	---
	Males	69	3	4	9	4	6	3	4	5	6	9	7	9	---
	Females	81	4	7	4	8	4	4	5	7	6	15	7	10	---
20	Totals	127	10	4	17	15	8	2	14	13	9	11	14	10	---
	Males	63	6	1	6	7	3	1	7	9	4	4	10	5	---
	Females	64	4	3	11	8	5	1	7	4	5	7	4	5	---
21	Totals	156	6	16	16	12	7	11	17	11	13	20	13	14	---
	Males	75	1	10	7	9	3	4	7	8	5	13	3	5	---
	Females	81	5	6	9	3	4	7	10	3	8	7	10	9	---

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
22	Totals	173	11	6	17	19	17	14	11	19	13	11	12	23	...
	Males	78	5	2	6	10	6	4	8	7	6	8	4	12	...
	Females	95	6	4	11	9	11	10	3	12	7	3	8	11	...
23	Totals	182	12	12	12	13	16	11	17	11	17	19	19	23	...
	Males	88	6	6	8	5	5	4	9	8	8	10	10	9	...
	Females	94	6	6	4	8	11	7	8	3	9	9	9	14	...
24	Totals	173	12	13	8	7	20	7	16	15	10	27	17	21	...
	Males	83	7	5	5	2	11	3	7	6	2	15	10	10	...
	Females	90	5	8	3	5	9	4	9	9	8	12	7	11	...
25	Totals	176	5	14	17	14	20	9	9	20	15	15	17	21	...
	Males	76	2	6	5	7	7	6	1	10	8	7	6	11	...
	Females	100	3	8	12	7	13	3	8	10	7	8	11	10	...
26	Totals	151	13	6	15	16	13	12	9	11	17	17	11	10	1
	Males	65	7	2	5	5	8	6	3	3	10	7	6	2	1
	Females	86	6	4	10	11	5	6	6	8	7	10	5	8	...
27	Totals	164	7	11	19	13	14	4	14	12	13	24	18	15	...
	Males	70	5	7	5	4	6	2	4	4	6	7	10	10	...
	Females	94	2	4	14	9	8	2	10	8	7	17	8	5	...
28	Totals	175	9	16	12	14	11	16	20	8	8	17	19	23	2
	Males	76	3	6	4	5	2	8	11	3	4	10	8	11	1
	Females	99	6	10	8	9	9	8	9	5	4	7	11	12	1
29	Totals	123	14	5	15	9	12	8	4	14	13	8	8	13	...
	Males	53	6	1	5	6	5	2	3	6	8	3	4	4	...
	Females	70	8	4	10	3	7	6	1	8	5	5	4	9	...
30	Totals	134	9	4	13	16	8	8	16	8	15	8	16	11	2
	Males	73	4	1	7	10	5	6	7	3	10	3	11	5	1
	Females	61	5	3	6	6	3	2	9	5	5	5	5	6	1
31	Totals	101	5	2	9	13	10	9	7	12	10	6	8	10	...
	Males	54	4	...	7	6	6	5	3	6	4	2	3	8	...
	Females	47	1	2	2	7	4	4	4	6	6	4	5	2	...
32	Totals	109	10	9	11	13	7	11	5	8	10	8	9	8	...
	Males	54	4	4	5	6	3	5	3	5	7	3	6	3	...
	Females	55	6	5	6	7	4	6	2	3	3	5	3	5	...
33	Totals	114	2	3	13	5	13	8	6	13	17	11	14	9	...
	Males	45	1	2	5	3	5	3	3	5	6	2	6	4	...
	Females	69	1	1	8	2	8	5	3	8	11	9	8	5	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
34	Totals	115	8	4	11	6	6	10	11	12	11	15	8	13	...
	Males	43	5	1	4	1	3	3	4	4	2	9	4	3	...
	Females	72	3	3	7	5	3	7	7	8	9	6	4	10	...
35	Totals	115	10	6	11	14	6	10	6	7	11	11	8	15	...
	Males	46	1	4	4	3	5	5	1	4	2	8	4	5	...
	Females	69	9	2	7	11	1	5	5	3	9	3	4	10	...
36	Totals	130	7	11	17	9	10	9	9	13	12	8	14	10	1
	Males	74	7	7	5	5	6	5	7	6	5	3	10	7	1
	Females	56	.....	4	12	4	4	4	2	7	7	5	4	3	...
37	Totals	103	5	8	15	5	4	6	4	16	7	4	15	14	...
	Males	51	4	6	8	1	1	3	2	5	4	1	7	9	...
	Females	52	1	2	7	4	3	3	2	11	3	3	8	5	...
38	Totals	121	11	7	8	15	11	11	7	6	15	13	7	10	...
	Males	57	5	2	5	5	3	3	4	4	11	6	4	5	...
	Females	64	6	5	3	10	8	8	3	2	4	7	3	5	...
39	Totals	94	8	2	12	11	7	1	8	7	6	11	7	14	...
	Males	54	3	1	8	5	3	1	5	6	2	4	4	12	...
	Females	40	5	1	4	6	4	.....	3	1	4	7	3	2	...
40	Totals	122	6	8	7	10	15	8	3	9	15	17	9	14	1
	Males	62	4	5	4	6	11	3	.....	4	8	6	4	6	1
	Females	60	2	3	3	4	4	5	3	5	7	11	5	8	...
41	Totals	84	6	4	7	8	4	4	11	7	7	6	7	12	1
	Males	41	3	1	5	2	1	2	4	4	4	2	3	10	...
	Females	43	3	3	2	6	3	2	7	3	3	4	4	2	1
42	Totals	120	7	7	12	19	10	9	8	10	6	13	11	8	...
	Males	58	2	4	7	9	3	4	3	4	2	8	7	5	...
	Females	62	5	3	5	10	7	5	5	6	4	5	4	3	...
43	Totals	105	8	5	9	8	10	11	6	4	14	10	8	12	...
	Males	51	4	3	6	3	5	7	5	2	3	4	4	5	...
	Females	54	4	2	3	5	5	4	1	2	11	6	4	7	...
44	Totals	93	9	5	8	14	7	6	9	6	3	2	13	11	...
	Males	49	5	.....	6	8	4	3	6	5	.....	1	8	3	...
	Females	44	4	5	2	6	3	3	3	1	3	1	5	8	...
45	Totals	131	9	8	14	10	9	14	6	12	15	10	11	13	...
	Males	70	3	3	10	5	4	7	5	7	5	6	9	6	...
	Females	61	6	5	4	5	5	7	1	5	10	4	2	7	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
46	Totals	113	10	8	10	13	12	6	7	12	13	12	5	5	...
	Males	73	4	7	8	9	8	5	4	8	7	7	3	3	...
	Females	40	6	1	2	4	4	1	3	4	6	5	2	2	...
47	Totals	87	4	2	8	7	11	11	5	10	9	7	9	4	...
	Males	33	1	.....	2	2	4	5	2	5	2	3	5	2	...
	Females	54	3	2	6	5	7	6	3	5	7	4	4	2	...
48	Totals	113	9	5	7	6	14	9	14	10	6	9	13	11	...
	Males	63	8	2	4	3	5	6	6	8	3	2	8	8	...
	Females	50	1	3	3	3	9	3	8	2	3	7	5	3	...
49	Totals	114	7	14	5	8	7	10	13	15	5	6	13	11	...
	Males	68	2	9	2	6	6	4	7	12	.....	4	7	9	...
	Females	46	5	5	3	2	1	6	6	3	5	2	6	2	...
50	Totals	129	4	9	13	8	13	11	5	16	9	12	16	13	...
	Males	62	2	4	6	7	5	8	1	8	2	7	7	5	...
	Females	67	2	5	7	1	8	3	4	8	7	5	9	8	...
51	Totals	87	3	9	7	7	8	6	1	5	9	9	8	15	...
	Males	48	.....	4	4	4	4	3	.....	4	5	5	7	8	...
	Females	39	3	5	3	3	4	3	1	1	4	4	1	7	...
52	Totals	120	9	7	14	6	5	8	8	11	8	16	17	11	...
	Males	58	4	3	6	4	2	4	4	7	4	10	3	7	...
	Females	62	5	4	8	2	3	4	4	4	4	6	14	4	...
53	Totals	97	6	5	8	8	6	3	6	5	14	13	11	12	...
	Males	67	6	5	6	5	5	2	3	3	8	7	8	9	...
	Females	30	.....	.....	2	3	1	1	3	2	6	6	3	3	...
54	Totals	111	4	3	5	4	9	10	15	13	13	9	14	12	...
	Males	60	4	2	2	2	1	3	7	6	9	6	11	7	...
	Females	51	.....	1	3	2	8	7	8	7	4	3	3	5	...
55	Totals	125	7	8	13	7	11	11	10	11	11	14	11	11	...
	Males	68	4	6	11	4	4	4	5	6	3	7	6	8	...
	Females	57	3	2	2	3	7	7	5	5	8	7	5	3	...
56	Totals	144	8	8	15	20	11	11	10	10	12	13	13	13	...
	Males	93	7	4	8	12	9	8	6	8	9	5	7	10	...
	Females	51	1	4	7	8	2	3	4	2	3	8	6	3	...
57	Totals	106	7	10	10	9	8	12	7	5	8	12	10	8	...
	Males	63	5	7	8	4	5	7	4	3	6	5	5	4	...
	Females	43	2	3	2	5	3	5	3	2	2	7	5	4	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
58	Totals	130	11	9	12	11	11	6	14	12	10	7	14	13	...
	Males	69	8	3	6	8	3	.....	10	9	4	3	9	6	...
	Females	61	3	6	6	3	8	6	4	3	6	4	5	7	...
59	Totals	88	10	1	10	3	10	9	7	7	5	6	11	9	...
	Males	56	8	1	6	.....	6	5	7	4	2	5	6	6	...
	Females	32	2	.....	4	3	4	4	.....	3	3	1	5	3	...
60	Totals	150	8	5	13	16	13	10	10	18	13	12	21	11	...
	Males	84	3	2	4	10	9	5	8	7	7	6	18	5	...
	Females	66	5	3	9	6	4	5	2	11	6	6	3	6	...
61	Totals	99	6	5	7	7	13	7	3	12	5	8	10	16	...
	Males	61	4	2	4	4	8	5	2	9	3	4	6	10	...
	Females	38	2	3	3	3	5	2	1	3	2	4	4	6	...
62	Totals	134	7	7	12	16	12	14	6	15	15	10	10	10	...
	Males	74	6	4	5	10	7	7	4	8	7	6	7	3	...
	Females	60	1	3	7	6	5	7	2	7	8	4	3	7	...
63	Totals	148	4	10	13	14	14	10	10	16	14	10	18	15	...
	Males	83	.....	6	6	5	10	7	7	7	7	8	8	12	...
	Females	65	4	4	7	9	4	3	3	9	7	2	10	3	...
64	Totals	135	8	6	15	18	12	10	9	18	8	10	10	11	...
	Males	71	4	3	4	15	6	6	3	9	3	5	6	7	...
	Females	64	4	3	11	3	6	4	6	9	5	5	4	4	...
65	Totals	170	11	15	13	13	16	11	12	15	16	13	18	16	1
	Males	100	9	8	7	8	5	5	8	11	11	7	9	11	1
	Females	70	2	7	6	5	11	6	4	4	5	6	9	5	...
66	Totals	149	14	7	11	15	12	17	9	8	13	15	12	16	...
	Males	94	6	4	6	10	7	9	5	8	13	9	5	12	...
	Females	55	8	3	5	5	5	8	4	.....	.....	6	7	4	...
67	Totals	142	8	12	7	7	18	12	10	14	18	10	14	12	...
	Males	91	7	7	4	5	14	4	5	9	13	5	8	10	...
	Females	51	1	5	3	2	4	8	5	5	5	5	6	2	...
68	Totals	164	2	9	15	17	9	18	9	11	16	20	20	17	1
	Males	92	2	6	9	9	6	9	5	5	13	6	10	11	1
	Females	72	.....	3	6	8	3	9	4	6	3	14	10	6	...
69	Totals	136	10	7	11	15	10	19	9	9	6	14	11	15	...
	Males	70	7	4	3	6	5	12	3	7	3	5	4	11	...
	Females	66	3	3	8	9	5	7	6	2	3	9	7	4	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
70	Totals	145	10	10	5	17	10	16	12	12	13	12	10	18	---
	Males	92	4	8	3	10	7	10	9	5	11	4	6	15	---
	Females	53	6	2	2	7	3	6	3	7	2	8	4	3	---
71	Totals	125	6	8	10	12	4	10	9	9	13	13	12	19	---
	Males	73	4	4	7	10	2	5	5	6	7	6	7	10	---
	Females	52	2	4	3	2	2	5	4	3	6	7	5	9	---
72	Totals	181	11	8	22	27	16	13	13	9	15	16	14	17	---
	Males	116	8	2	13	18	11	12	9	7	7	10	8	11	---
	Females	65	3	6	9	9	5	1	4	2	8	6	6	6	---
73	Totals	135	11	12	14	16	2	12	14	15	11	13	4	11	---
	Males	82	9	8	8	10	1	7	9	10	7	6	3	4	---
	Females	53	2	4	6	6	1	5	5	5	4	7	1	7	---
74	Totals	155	7	11	12	17	17	10	10	9	16	16	19	11	---
	Males	100	5	10	8	10	12	6	7	6	6	9	12	9	---
	Females	55	2	1	4	7	5	4	3	3	10	7	7	2	---
75	Totals	176	8	14	18	11	13	7	11	21	18	21	15	18	1
	Males	104	3	7	10	5	9	6	5	17	11	9	9	13	---
	Females	72	5	7	8	6	4	1	6	4	7	12	6	5	1
76	Totals	164	11	15	15	14	20	15	15	11	13	11	11	13	---
	Males	104	6	7	8	9	13	10	10	7	9	10	7	8	---
	Females	60	5	8	7	5	7	5	5	4	4	1	4	5	---
77	Totals	115	9	5	9	14	11	12	9	10	9	7	5	15	---
	Males	65	8	2	5	9	6	7	5	3	3	5	4	8	---
	Females	50	1	3	4	5	5	5	4	7	6	2	1	7	---
78	Totals	114	7	4	5	13	6	10	8	15	8	11	14	12	1
	Males	71	7	3	4	10	3	5	7	6	6	6	8	5	1
	Females	43	-----	1	1	3	3	5	1	9	2	5	6	7	---
79	Totals	102	5	4	7	8	10	13	6	5	9	8	15	12	---
	Males	56	1	2	3	5	6	8	5	3	6	4	9	4	---
	Females	46	4	2	4	3	4	5	1	2	3	4	6	8	---
80	Totals	118	3	9	7	9	10	14	11	11	9	14	5	14	2
	Males	70	2	3	4	5	7	6	8	8	6	11	3	6	1
	Females	48	1	6	3	4	3	8	3	3	3	3	2	8	1
81	Totals	86	9	4	8	9	1	7	7	4	6	9	9	13	---
	Males	49	6	3	6	3	1	5	4	1	5	4	7	4	---
	Females	37	3	1	2	6	-----	2	3	3	1	5	2	9	---

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
82	Totals	90	7	7	9	9	8	9	6	14	3	6	4	7	1
	Males	53	5	4	3	5	4	5	2	8	2	5	4	5	1
	Females	37	2	3	6	4	4	4	4	6	1	1	.....	2	...
83	Totals	91	2	7	6	10	7	4	9	4	13	11	11	7	...
	Males	53	1	5	4	3	5	2	6	3	8	7	5	4	...
	Females	38	1	2	2	7	2	2	3	1	5	4	6	3	...
84	Totals	79	5	4	9	10	8	4	4	7	5	8	6	9	...
	Males	30	1	1	5	4	2	2	3	2	2	2	3	3	...
	Females	49	4	3	4	6	6	2	1	5	3	6	3	6	...
85	Totals	78	3	5	7	6	3	6	11	8	4	9	3	13	...
	Males	45	1	3	2	3	2	4	7	5	3	6	2	7	...
	Females	33	2	2	5	3	1	2	4	3	1	3	1	6	...
86	Totals	85	3	5	8	8	6	10	5	6	11	6	8	8	1
	Males	51	3	2	7	5	3	7	2	5	6	3	4	4	...
	Females	34	.....	3	1	3	3	3	3	1	5	3	4	4	1
87	Totals	56	2	3	5	6	8	4	4	2	4	2	9	7	...
	Males	35	1	1	3	5	6	2	3	1	3	2	5	3	...
	Females	21	1	2	2	1	2	2	1	1	1	.....	4	4	...
88	Totals	34	3	3	2	2	2	1	2	6	3	4	1	5	...
	Males	21	2	2	1	1	1	1	.....	5	3	.....	1	4	...
	Females	13	1	1	1	1	1	.....	2	1	.....	4	.....	1	...
89	Totals	33	.....	1	9	2	3	5	2	.....	2	1	5	3	...
	Males	23	.....	.....	8	1	1	3	1	.....	1	1	4	3	...
	Females	10	.....	1	1	1	2	2	1	.....	1	.....	1	.....	...
90	Totals	29	3	2	2	2	3	4	2	1	1	4	2	3	...
	Males	13	2	.....	.....	1	3	1	2	1	1	2	.....	.....	...
	Females	16	1	2	2	1	.....	3	.....	.....	.....	2	2	3	...
91	Totals	21	1	.....	1	4	4	.....	2	2	.....	1	2	3	1
	Males	11	1	.....	.....	2	2	.....	1	1	.....	1	1	1	1
	Females	10	.....	.....	1	2	2	.....	1	1	.....	.....	1	2	...
92	Totals	8	.....	.....	.....	1	2	.....	1	.....	2	.....	.....	2	...
	Males	3	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	.....	...
	Females	5	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	2	...
93	Totals	9	.....	1	2	.....	2	1	.....	.....	.....	2	.....	1	...
	Males	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	...
	Females	7	.....	1	1	.....	2	.....	.....	.....	.....	2	.....	1	...

TABLE 52.—CONTINUED.—*Deaths by Ages, by Sex, by Months.*

Ages in Years.	Sex.	Year, 1886.	Months, 1886.												
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
94	Totals	10	1	.....	1	.....	.....	1	.....	1	1	4	.....	1	...
	Males	5	.....	.....	.....	.....	.....	.....	.....	1	1	3	.....	.....	...
	Females	5	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	1	...
95	Totals	8	1	1	1	.....	1	.....	.....	1	.....	1	1	1	...
	Males	5	1	1	1	.....	1	.....	.....	1	.....	.....	.....	.....	...
	Females	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	...
96	Totals	13	1	.....	1	.....	1	1	1	2	1	2	1	2	...
	Males	7	1	.....	.....	.....	1	1	1	1	1	.....	.....	1	...
	Females	6	.....	.....	1	.....	.....	.....	.....	1	.....	2	1	1	...
97	Totals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
	Males	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
	Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
98	Totals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
	Males	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
	Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
99	Totals	4	.....	.....	.....	2	.....	.....	1	.....	.....	.....	1	.....	...
	Males	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	...
	Females	3	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	...
100 and over	Totals	3	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	...
	Males	2	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	...
	Females	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	...
Unknown	Totals	377	26	20	26	24	30	22	28	30	42	34	35	37	23
	Males	207	14	14	11	11	12	12	24	22	18	18	20	21	10
	Females	162	12	6	15	13	18	10	4	7	24	12	13	16	12
	Unknown	8	.....	.....	.....	.....	.....	.....	.....	1	.....	4	2	.....	1

INFANT MORTALITY.

The ratio of still-births to the total number of deaths is shown in Table 53. The per cent for 1886 is about the same as the average for ten years and is one per cent less than that for 1885, which was larger than for any previous year since the registration in this State. The decrease in 1886 corresponds with the decrease in the number of births returned.

TABLE 53.—*The Relation of Still-births to all Deaths returned for the Years 1884, 1885, 1886, and the Average for Ten Years, 1876-1885, Corrected by means of the Returns of Births.*

	Total Deaths and Still-births.			
	1884.	1885.	1886.	Average for 10 Years, 1876-1885.
All deaths	18,056	16,646	18,187	15,604
Number of still-births	919	1,008	909	794
Per cent of still-births to total deaths	5.09	6.06	5.00	5.09

RELATIONS OF DEATHS OF CHILDREN UNDER ONE TO BIRTHS.

Table 55 presents the particulars concerning the deaths of all children born in 1885 who died either in the year of birth or in 1886 and before reaching the age of one year. The total births, 42,083, exceed the number in last report by 1,724, while the total deaths in the same table fall short of the year before by 318; this reduces the per cent of deaths under one to total births from 11.67, in last report, to 10.44. The excess of the males over the females is 620, or 2.31 per cent as against 2.57 per cent in last report. The month of April leads with 432, or 66 above the monthly average of 366, while January is lowest in rank with 331, or 35 below the average.

Table 56 gives the number of deaths, by age and month, of all children born in 1885 who died under one year of age. The first figures in each horizontal line, where lines of same month intersect, give the deaths within a month of birth, consequently they represent deaths of children less than a month old, the total appearing at the bottom of the table, in the column designated by minus one. The second figures indicate deaths of children of one month of age, the third of two months, and so on. The fewest deaths appear this year at 10 months, while last year they were at 11. Usually there is quite a regular decrease from one month to the eleventh, but this year there is considerable fluctuation, the age of six being higher than any from fourth to eleventh.

TABLE 54.—*Exhibiting, by Sex, the Number o*
1886; distinguishing the Months in which th
Born in Year of Death or in previous Year.[a]

Months in which Births and Deaths occurred.		Number Born in each Month of Year of Death.				Nun
		Year.	Total.	Sex.	Number of each Sex.	-1.
January		1886.	334	Males	187	74
				Females	147	49
February			358	Males	196	91
				Females	162	57
March			390	Males	217	89
				Females	173	76
April			395	Males	220	92
				Females	175	68
May			418	Males	243	108
				Females	175	71
June			331	Males	185	78
				Females	146	48
July			363	Males	205	99
				Females	158	70
August			340	Males	202	126
				Females	138	69
September			265	Males	160	109
				Females	105	70
October			228	Males	128	99
				Females	100	72
November			213	Males	124	104
				Females	89	77
December			245	Males	148	148
				Females	97	97
Deaths by Ages.	Of those Born in Year of Death.	1886.		Males	2,215	1,217
				Females	1,665	824
				Totals	3,880	2,041
	Of those Born in Previous Year.	1885.		Males	.....	.....
				Females	.....	.....
				Totals	828	.....
	All Aged under one Year.			Males	.....	1,21
				Females	.....	82
				Totals	4,708	2,04

[a] Excluding 7 males and 2 females, month o

TABLE 55.—*Of the Children Born in 1885, the Number who died during the Year 1885; the Number who died during the Year 1886 under One Year of Age, and the Per Cent of Decedents aged under One Year to the Children Born in 1885, according to the Returns.*

Months of Births.	Births in 1885, as Returned.	Born in 1885.				Births of Males, 1885, as Returned.	Males Born in 1885.				Births of Females, 1885, as Returned.	Females Born in 1885.			
		Died during the year 1885.	Died aged under 1 year during the year 1886.	Total died aged under 1 year.	Per cent of deaths under 1 to births.		Died during the year 1885.	Died aged under 1 year during the year 1886.	Total died aged under 1 year.	Per cent of deaths under 1 to births.		Died during the year 1885.	Died aged under 1 year during the year 1886.	Total died aged under 1 year.	Per cent of deaths under 1 to births.
Totals [a]	42,083	3,564	828	4,392	10.44	21,673	2,065	441	2,506	11.58	20,349	1,499	387	1,886	9.27
January	2,707	331	.....	331	12.23	1,384	178	.....	178	12.86	1,319	153	.....	153	11.60
February	2,987	366	3	369	12.35	1,558	219	2	221	14.18	1,426	147	1	148	10.38
March	3,533	360	13	373	10.56	1,820	211	8	219	12.03	1,703	149	5	154	9.04
April	3,618	401	31	432	11.94	1,855	247	17	264	14.23	1,758	154	14	168	9.56
May	3,730	340	48	388	10.40	1,891	201	24	225	11.90	1,832	139	24	163	8.90
June	3,346	296	38	334	9.98	1,710	161	17	178	10.41	1,634	135	21	156	9.55
July	3,567	316	53	369	10.34	1,879	178	34	212	11.28	1,682	138	19	157	9.33
August	3,924	289	74	363	9.25	1,994	170	46	216	10.83	1,923	119	28	147	7.64
September	3,995	240	112	352	8.81	2,049	124	60	184	8.98	1,941	116	52	168	8.66
October	3,624	219	131	350	9.66	1,843	141	69	210	11.39	1,777	78	62	140	7.88
November	3,363	217	149	366	10.88	1,768	135	80	215	12.16	1,590	82	69	151	9.50
December	3,689	189	176	365	9.89	1,922	100	84	184	9.57	1,764	89	92	181	10.26

[a] Excluding 36 in unknown month.

TABLE 56.—*The Months of Births and of Deaths of Children Born in 1885, who Died under One Year of Age.*

Months of Births, 1885.	Born in 1885, died under 1 year of age.	Months of Death, 1885.												Months of Death, 1886.												Per cent died aged under 1 month. a	Births in 1885 as returned. b	Per cent of children who died aged under 1 month to all children born. c
		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
Born in 1885, died aged under one year	4,392	174	197	248	277	251	232	371	425	374	356	299	360	100	101	100	86	61	47	90	122	83	30	8	....	.....	42,083	.....
January	331	174	24	13	20	15	10	24	23	9	6	7	6	....	....	....	....	....	....	....	....	....	....	....	....	52.57	2,707	6.43
February	369	....	173	44	16	18	14	21	26	15	19	11	9	3	....	....	....	....	....	....	....	....	....	....	....	46.88	2,987	5.79
March	373	....	....	191	25	17	18	22	19	32	15	13	8	7	6	....	....	....	....	....	....	....	....	....	....	51.21	3,533	5.41
April	432	....	....	....	216	30	16	42	36	22	18	10	11	12	8	11	....	....	....	....	....	....	....	....	....	50.00	3,618	5.97
May	388	....	....	....	....	171	21	33	51	20	24	9	11	11	15	7	15	....	....	....	....	....	....	....	....	44.07	3,730	4.58
June	334	....	....	....	....	....	153	28	35	29	17	15	19	4	6	12	8	8	....	....	....	....	....	....	....	45.81	3,346	4.57
July	369	....	....	....	....	....	....	201	31	34	26	9	15	12	8	13	11	5	4	....	....	....	....	....	....	54.47	3,567	5.63
August	363	....	....	....	....	....	....	....	204	39	21	9	16	7	16	10	11	7	11	12	....	....	....	....	....	56.20	3,924	5.20
September	352	....	....	....	....	....	....	....	....	174	30	15	21	12	7	16	11	12	9	14	31	....	....	....	....	49.43	3,995	4.36
October	350	....	....	....	....	....	....	....	....	....	180	18	21	10	9	13	10	11	5	21	24	28	....	....	....	51.43	3,624	4.97
November	366	....	....	....	....	....	....	....	....	....	....	183	34	11	12	8	12	10	7	19	27	24	19	....	....	50.00	3,363	5.44
December	365	....	....	....	....	....	....	....	....	....	....	....	189	11	14	10	8	8	11	24	40	31	11	8	....	51.78	3,689	5.12
Deaths at each age. No of deaths	4,392	....	....	....	....	....	....	....	....	....	....	....	....	2209	335	246	266	186	173	203	149	169	170	135	151	50.30	.....	5.25
Deaths at each age. Ages in months	.....	....	....	....	....	....	....	....	....	....	....	....	....	-1	1	2	3	4	5	6	7	8	9	10	11	.....	.....	.....

a That is, per cent of children who died during month of birth to total born in 1885, who died aged under one year.
b Excluding 36 in unknown month,—17 males, 17 females, and two of unknown sex.
c That is, of the children born in 1885, the per cent who died during month of birth,—according to the returns of births and deaths. It should be borne in mind that probably a larger proportion of the births and of the deaths are returned for the later months of the year.

TABLE 57.—*The relation, by Months, of the Decedents aged under One Month to the Births returned for the Year 1886.*

Sex, etc., Specified.		Year, 1886.	Months, 1886.												
			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Totals	Births	41,095	2,617	2,858	3,456	3,640	3,498	3,352	3,598	3,781	3,707	3,540	3,270	3,727	51
	Deaths aged under one month *	2,096	127	150	171	166	184	130	174	200	185	174	182	249	4
	Per cent of deaths to births	5.10	4.85	5.25	4.95	4.56	5.26	3.88	4.84	5.29	4.99	4.92	5.57	6.68	7.84
Males	Births	21,332	1,345	1,484	1,785	1,900	1,837	1,732	1,876	2,014	1,926	1,820	1,677	1,911	25
	Deaths aged under one month	1,221	74	91	89	92	108	78	99	126	109	99	104	148	4
	Per cent of deaths to births	5.72	5.50	6.13	4.99	4.84	5.88	4.50	5.28	6.26	5.65	5.44	6.20	7.74	16.00
Females	Births	19,700	1,267	1,373	1,665	1,734	1,656	1,616	1,717	1,761	1,772	1,718	1,589	1,811	21
	Deaths aged under one month	824	49	57	76	68	71	48	70	69	70	72	77	97	.....
	Per cent of deaths to births	4.18	3.87	4.15	4.56	3.92	4.29	2.97	4.08	3.92	3.95	4.19	4.85	5.36	.....
Unknown	Births	63	5	1	6	6	5	4	5	6	9	2	4	5	5
	Deaths aged under one month	51	4	2	6	6	5	4	5	5	6	3	1	4	.....

* Still-births included.

TABLE 58.—*Exhibiting certain Details concerning Persons returned as having died aged One Hundred Years and over during the Year 1886.*

Names of Centenarians, 1886.	Sex.	Color.	Married, Single or Widowed.	Birthplace.	Age.			Occupation.	Place of Death.		Date of Death, 1886.		Cause of Death.
					Year.	Month.	Day.		Town.	County.	Month.	Day.	
Phebe Wilson	Female	White	Married	New York	108	....	....	Unknown	Plainfield	Kent	April	25	Old age
Donald McClellen	Male	White	Widower.	Scotland	107	....	....	Farmer	Detroit	Wayne	March	30	Old age.
Godfrey Knight	Male	White	Widower.	Ireland	100	8	24	Farmer	Schoolcraft	Kalamazoo	May	20	Pneumonia.

TABLE 59.—*Counties and Townships from which no Returns of Deaths for 1886 were received by this Department, showing Population in 1884.*

Counties.	Townships from which no Returns of Deaths for 1886, were Received.	Population June 1, 1884.																				
		Total.			Color or Race.												Nativity.					
					White.			Black and Mulatto.			Indian.			Unknown Color.			Native.		Foreign.		Unknown.	
		Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Total		5,[illegible]04	3,203	2,391	5,290	3,053	2,237	15	13	2	226	101	125	63	36	27	1,907	1,620	1,262	737	34	34
Cheboygan	Nunda	281	166	115	277	164	113	4	2	2	----	----	----	----	----	----	98	72	67	43	1	----
Chippewa	Detour	615	384	231	565	353	212	8	8	----	1	----	1	41	23	18	123	76	260	154	1	1
	Drummond	400	241	159	311	195	116	2	2	----	84	43	41	3	1	2	106	82	135	76	----	1
	Sugar Island	446	219	227	318	162	156	----	----	----	109	45	64	19	12	7	105	121	90	83	24	23
Crawford	Centre Plains	351	188	163	351	188	163	----	----	----	----	----	----	----	----	----	164	147	23	15	1	1
	Maple Forest	148	90	58	148	90	58	----	----	----	----	----	----	----	----	----	67	41	23	17	----	----
	South Branch	200	110	90	200	110	90	----	----	----	----	----	----	----	----	----	89	77	21	13	----	----
Delta	Masonville	266	156	110	266	156	110	----	----	----	----	----	----	----	----	----	79	64	77	43	----	3
Grand Traverse	East Bay	1,013	555	458	1,012	554	458	1	1	----	----	----	----	----	----	----	447	368	105	86	3	4
Mackinac	Moran	475	282	193	443	269	174	----	----	----	32	13	19	----	----	----	178	156	104	37	----	----
Marquette	Richmond	370	205	165	370	205	165	----	----		----	----	----	----	----	----	86	90	119	75	----	----
Roscommon	Higgins	851	508	343	851	508	343	----	----		----	----	----	----	----	----	276	253	229	89	3	1
Wexford	Henderson	83	44	39	83	44	39	----	----		----	----	----	----	----	----	40	35	4	4	----	----
	South Branch	95	55	40	95	55	40	----	----		----	----	----	----	----	----	49	38	5	2	1	----

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Cass	Totals	151	11	7	10	16	16	10	6	18	15	11	17	14	..	33	5	5	7	3	11	5	4	5	12	6	3	16	14	3	9	9	1
	Males	78	6	1	5	7	11	5	3	11	7	5	11	6	..	17	3	1	2	1	3	4	3	1	8	2	2	8	6	2	7	7	1
	Females	73	5	6	5	9	5	5	3	7	8	6	6	8	..	16	2	4	5	2	8	1	1	4	4	4	1	8	8	1	2	2	..
Charlevoix	Totals	62	1	4	4	8	3	2	2	9	7	14	3	5	..	22	3	3	7	4	1	2	1	1	2	3	3	2	1	2	....	4	1
	Males	29	1	3	3	3	1	1	....	3	3	7	1	3	.	16	1	..	1	....	....	2	....	1	....	1	2	....	....	1	....	3	1
	Females	33	....	1	1	5	2	1	2	6	4	7	2	2	..	6	2	3	6	4	1	....	1	....	2	2	1	2	1	1	....	1	..
Cheboygan	Totals	85	5	5	5	5	5	8	7	14	10	8	8	5	.	44	2	3	5	6	3	2	2	3	3	1	2	2	....	2	....	4	1
	Males	46	4	3	3	3	4	3	3	8	3	3	6	3	..	25	2	....	4	1	1	1	1	2	3	1	1	1	....	1	....	2	..
	Females	39	1	2	2	2	1	5	4	6	7	5	2	2	..	19	....	3	1	5	2	1	1	1	....	....	1	1	....	1	....	2	1
Chippewa	Totals	52	4	1	4	2	1	2	7	5	8	4	9	5	..	21	4	3	2	4	1	2	2	2	3	....	2	2	1	....	....	....	3
	Males	34	3	....	3	....	..	1	7	4	8	....	5	3	..	14	1	3	1	2	....	1	2	1	2	....	1	2	1	....	....	....	3
	Females	18	1	1	1	2	1	1	....	1	....	4	4	2	..	7	3	....	1	2	1	1	....	1	1	....	1	....	....	....	....	....	..
Clare	Totals	33	3	....	4	4	2	....	2	5	4	3	2	4	..	10	1	2	3	2	3	1	1	....	1	....	2	1	2	2	....	....	2
	Males	15	2	....	3	1	1	....	....	5	2	....	....	1	..	3	....	1	....	1	2	1	....	....	1	....	2	1	2	1	....	....	..
	Females	18	1	....	1	3	1	....	2	....	2	3	2	3	..	7	1	1	3	1	1	....	1	....	....	....	....	....	....	1	....	....	2
Clinton	Totals	199	7	14	12	15	15	14	16	27	18	22	18	18	3	44	4	6	11	12	9	4	9	10	6	9	6	9	12	17	16	12	3
	Males	100	4	9	6	6	7	7	9	18	7	9	8	10	..	19	1	1	8	5	4	2	4	6	1	6	1	4	11	11	9	6	1
	Females	98	3	5	6	9	8	6	7	9	11	13	10	8	3	24	3	5	3	7	5	2	5	4	5	3	5	5	1	6	7	6	2
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Crawford	Totals	28	6	....	2	1	3	....	....	7	6	2	....	1	..	14	4	2	1	4	....	2	1	....	....	....	....	....	....	....	....	..	..
	Males	12	5	....	....	....	2	....	....	2	2	1	....	....	..	6	3	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	..
	Females	16	1	....	2	1	1	....	....	5	4	1	....	1	..	8	1	2	....	2	....	2	1	....	....	....	....	....	....	....	....	....	..

TABLE 60.—*Counties and Townships in which it is reported that no Deaths occurred in 1886.*

Counties.	Townships; No Deaths in 1886.	Population.			Counties.	Townships; No Deaths in 1886.	Population.		
		Totals.	Males.	Females.			Totals.	Males.	Females.
Total		20,461	12,727	7,734					
Alger	Burt	336	238	98	Montmorency	Briley	226	125	101
Antrim	Warner	121	61	60		Wheatfield a			
Baraga	Spurr	266	167	99	Muskegon	Blue Lake	221	117	104
Benzie	Weldon	120	77	43		Cedar Creek	317	179	138
Cass	Milton	542	289	253		Eggleston	191	108	83
Charlevoix	Resort	194	100	94	Newaygo	Barton	874	533	341
Cheboygan	Ellis	116	71	45		Beaver	300	177	123
Clare	Arthur	69	36	33		Everett	642	352	290
	Franklin	316	216	100		Goodwell	422	290	132
	Hamilton a					Monroe	562	344	218
Gladwin	Buckeye	102	63	39		Norwich	1,156	701	455
	Clement	54	30	24		Wilcox	984	603	381
Grand Traverse	Blair	500	286	214	Oceana	Otto	159	97	62
	Garfield	781	418	363		Damon	260	138	122
Iosco	Reno a					Edwards	158	88	70
	Sherman	199	147	52		Hill	30	20	10
Iron	Bates a				Ogemaw	Horton	228	135	93
	Iron River	1,823	1,191	632		Klacking	284	152	132
Kalkaska	Cold Springs	128	68	60		Logan a			
	Springfield	417	241	176		Mills	62	33	29
	Wilson	175	92	83	Ontonagon	Bohemia	272	171	101
Lake	Dover	230	152	78		Carp Lake	1,117	1,069	48
	Eden	71	46	25	Oscoda	Big Creek	143	82	61
	Elk	298	224	74		Greenwood	83	39	44
	Glencoe	72	40	32	Otsego	Dover	160	91	69
Manistee	Springdale	108	63	45	Presque Isle	Bismarck	89	46	43
Manitou	Galilee	173	99	74		Metz	221	122	99
Mason	Branch	476	296	180	Roscommon	Denton	183	119	64
	Free Soil	968	560	408		Gerrish	251	193	58
Missaukee	Lake	515	306	209		Richfield a			
	West Br'nch	200	140	60	Saginaw	Lakefield	266	131	135
Montmorency	Albert	80	49	31	Schoolcraft	Manistique	1,150	706	444

a Organized since census.

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																		
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Houghton	Totals	420	21	17	34	23	20	24	40	64	60	58	33	26	..	253	13	10	13	25	13	12	15	5	10	12	5	4	7	6	5	4	8
	Males	234	13	9	20	14	10	15	25	36	28	28	17	19	..	140	7	6	7	13	7	6	9	4	7	7	4	....	1	2	3	4	7
	Females	185	8	8	14	9	9	9	15	28	32	30	16	7	..	112	6	4	6	12	6	6	6	1	3	5	1	4	6	4	2	....	1
	Unknown	1	....	....	....	....	1	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Huron	Totals	217	16	9	17	15	26	19	12	19	14	31	20	19	..	95	14	4	9	9	5	9	6	3	6	5	7	7	13	8	5	10	2
	Males	120	9	5	11	7	15	9	7	10	10	13	14	10	..	59	6	3	2	4	2	4	1	1	3	2	4	3	9	7	3	7	..
	Females	96	7	4	6	8	11	10	4	9	4	18	6	9	..	35	8	1	7	5	3	5	5	2	3	3	3	4	4	1	2	3	2
	Unknown	1	....	....	....	....	....	....	1	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Ingham	Totals	251	5	6	11	10	19	14	21	29	27	48	27	33	1	73	8	9	10	10	15	13	8	4	6	11	6	15	13	16	14	14	6
	Males	129	2	3	6	5	5	10	11	14	13	25	16	18	1	40	3	3	3	3	7	7	2	1	4	7	3	7	8	9	9	10	3
	Females	121	3	3	5	5	14	4	10	15	14	22	11	15	..	32	5	6	7	7	8	6	6	3	2	4	3	8	5	7	5	4	3
	Unknown	1	....	....	....	....	....	....	....	....	....	1	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Ionia	Totals	257	23	12	24	17	16	16	29	24	31	29	14	22	..	58	6	11	14	13	10	13	11	9	8	8	9	9	22	18	17	17	4
	Males	141	17	9	15	5	4	7	15	11	18	14	12	14	..	32	4	4	6	5	4	4	5	6	6	2	7	4	12	16	11	10	3
	Females	116	6	3	9	12	12	9	14	13	13	15	2	8	..	26	2	7	8	8	6	9	6	3	2	6	2	5	10	2	6	7	1
Iosco	Totals	104	9	8	14	11	6	7	5	13	8	8	9	6	..	62	8	6	2	2	4	1	2	1	2	1	3	2	1	2	2	3	..
	Males	52	5	5	8	4	3	3	5	8	2	2	4	3	..	32	2	4	1	1	1	1	1	....	2	1	2	1	....	1	1	1	..
	Females	51	4	3	6	7	3	4	....	5	5	6	5	3	..	29	6	2	1	1	3	....	1	1	....	....	1	1	1	1	1	2	..
	Unknown	1	....	....	....	....	....	....	....	....	1	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Iron	Totals	10	....	....	....	....	2	1	1	2	1	....	1	2	..	5	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2
	Males	2	....	....	....	....	....	....	....	....	....	....	....	2	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
	Females	6	....	....	....	....	1	1	1	2	1	....	....	....	..	3	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	..
	Unknown	2	....	....	....	....	1	....	....	....	....	....	1	....	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..

Isabella	Totals	130	8	11	11	17	9	13	4	6	13	11	11	15	1	55	5	6	9	7	6	2	3	4	4	5	2	2	4	3	2	5	6
	Males	67	6	7	5	5	6	8	2	2	6	5	7	8	..	26	1	3	5	5	2	1	2	....	2	5	2	1	2	2	....	4	4
	Females	62	2	4	6	12	3	5	2	4	7	6	4	6	1	28	4	3	4	2	4	1	1	4	2	....	....	1	2	1	2	1	2
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Jackson	Totals	358	22	22	27	25	20	19	34	29	39	31	51	39	..	93	21	7	19	14	17	17	20	3	8	10	20	15	22	20	20	27	5
	Males	168	11	11	13	9	7	8	17	13	22	12	27	18	..	46	9	1	6	9	9	7	10	1	3	5	11	10	9	6	10	14	2
	Females	190	11	11	14	16	13	11	17	16	17	19	24	21	..	47	12	6	13	5	8	10	10	2	5	5	9	5	13	14	10	13	3
Kalamazoo	Totals	361	20	18	29	19	24	27	27	41	25	42	45	44	..	93	23	3	17	22	10	14	9	16	12	15	21	16	21	20	17	26	6
	Males	212	12	9	16	11	14	15	15	26	15	22	31	26	..	54	8	2	6	14	7	10	5	13	6	9	13	10	14	15	9	16	1
	Females	148	8	9	13	7	10	12	12	15	10	20	14	18	..	38	15	1	11	8	3	4	4	3	6	6	8	6	7	5	8	10	5
	Unknown	1	....	....	....	1	....	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Kalkaska	Totals	35	1	....	1	2	4	5	8	4	2	2	3	3	..	18	....	....	1	1	1	....	....	3	2	2	3	....	3	....	....	1	..
	Males	20	1	....	....	1	2	3	2	2	2	2	2	3	..	12	....	....	....	....	1	....	....	1	....	....	3	....	3	....	....	....	..
	Females	15	....	....	1	1	2	2	6	2	....	....	1	....	..	6	....	....	1	1	....	....	....	2	2	2	....	....	....	....	....	1	..
Kent	Totals	795	51	60	54	72	57	50	60	93	88	63	56	89	2	311	21	23	24	28	39	28	33	33	15	21	25	42	36	29	30	46	11
	Males	423	20	31	29	39	35	30	30	44	55	31	34	44	1	159	16	14	11	16	17	13	13	18	6	11	14	24	19	17	22	27	6
	Females	372	31	29	25	33	22	20	30	49	33	32	22	45	1	152	5	9	13	12	22	15	20	15	9	10	11	18	17	12	8	19	5
Keweenaw	Totals	66	3	6	6	2	4	3	6	12	7	6	6	5	..	49	4	....	1	1	....	....	....	3	1	3	....	....	....	1	1	....	2
	Males	38	1	4	2	2	3	2	4	7	4	5	2	2	..	30	....	....	1	....	....	....	....	2	1	1	....	....	....	1	....	....	2
	Females	28	2	2	4	....	1	1	2	5	3	1	4	3	..	19	4	....	....	1	....	....	....	1	....	2	....	....	....	....	1	....	..
Lake	Totals	42	....	2	1	....	2	5	2	8	9	1	1	3	8	23	....	....	....	1	2	....	1	2	....	....	1	....	....	1	....	2	9
	Males	24	....	2	1	....	....	2	2	6	4	1	1	1	4	13	....	....	....	....	2	....	..	....	....	....	1	....	....	1	....	2	5
	Females	18	....	....	....	....	2	3	....	2	5	....	....	2	4	10	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....	....	4
Lapeer	Totals	230	10	9	15	25	13	18	15	21	16	31	28	29	..	72	8	4	11	15	8	8	7	8	7	5	18	13	12	11	11	12	..
	Males	116	6	3	3	13	9	8	10	12	7	15	17	13	..	41	4	1	3	3	2	3	4	3	2	3	12	6	8	5	6	10	..
	Females	114	4	6	12	12	4	10	5	9	9	16	11	16	..	31	4	3	8	12	6	5	3	5	5	2	6	7	4	6	5	2	..

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Cass	Totals	151	11	7	10	16	16	10	6	18	15	11	17	14	..	33	5	5	7	3	11	5	4	5	12	6	3	16	14	3	9	9	1
	Males	78	6	1	5	7	11	5	3	11	7	5	11	6	..	17	3	1	2	1	3	4	3	1	8	2	2	8	6	2	7	7	1
	Females	73	5	6	5	9	5	5	3	7	8	6	6	8	..	16	2	4	5	2	8	1	1	4	4	4	1	8	8	1	2	2	..
Charlevoix	Totals	62	1	4	4	8	3	2	2	9	7	14	3	5	..	22	3	3	7	4	1	2	1	1	2	3	3	2	1	2	....	4	1
	Males	29	1	3	3	3	1	1	....	3	3	7	1	3	.	16	1	..	1	....	....	2	....	1	....	1	2	....	....	1	....	3	1
	Females	33	....	1	1	5	2	1	2	6	4	7	2	2	..	6	2	3	6	4	1	....	1	....	2	2	1	2	1	1	....	1	..
Cheboygan	Totals	85	5	5	5	5	5	8	7	14	10	8	8	5	.	44	2	3	5	6	3	2	2	3	3	1	2	2	....	2	....	4	1
	Males	46	4	3	3	3	4	3	3	8	3	3	6	3	..	25	2	....	4	1	1	1	1	2	3	1	1	1	....	1	....	2	..
	Females	39	1	2	2	2	1	5	4	6	7	5	2	2	..	19	....	3	1	5	2	1	1	1	....	....	1	1	....	1	....	2	1
Chippewa	Totals	52	4	1	4	2	1	2	7	5	8	4	9	5	..	21	4	3	2	4	1	2	2	2	3	....	2	2	1	....	....	....	3
	Males	34	3	....	3	....	..	1	7	4	8	....	5	3	..	14	1	3	1	2	....	1	2	1	2	....	1	2	1	....	....	....	3
	Females	18	1	1	1	2	1	1	....	1	....	4	4	2	..	7	3	....	1	2	1	1	....	1	1	....	1	....	....	....	....	....	..
Clare	Totals	33	3	....	4	4	2	....	2	5	4	3	2	4	..	10	1	2	3	2	3	1	1	....	1	....	2	1	2	2	....	....	2
	Males	15	2	....	3	1	1	....	....	5	2	....	....	1	..	3	....	1	....	1	2	1	....	....	1	....	2	1	2	1	....	....	..
	Females	18	1	....	1	3	1	....	2	....	2	3	2	3	..	7	1	1	3	1	1	....	1	....	....	....	....	....	....	1	....	....	2
Clinton	Totals	199	7	14	12	15	15	14	16	27	18	22	18	18	3	44	4	6	11	12	9	4	9	10	6	9	6	9	12	17	16	12	3
	Males	100	4	9	6	6	7	7	9	18	7	9	8	10	..	19	1	1	8	5	4	2	4	6	1	6	1	4	11	11	9	6	1
	Females	98	3	5	6	9	8	6	7	9	11	13	10	8	3	24	3	5	3	7	5	2	5	4	5	3	5	5	1	6	7	6	2
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Crawford	Totals	28	6	....	2	1	3	....	....	7	6	2	....	1	..	14	4	2	1	4	....	2	1	....	....	....	....	....	....	....	....	....	..
	Males	12	5	....	....	....	2	....	....	2	2	1	....	....	..	6	3	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	..
	Females	16	1	....	2	1	1	....	....	5	4	1	....	1	..	8	1	2	....	2	....	2	1	....	....	....	....	....	....	....	....	....	..

Delta	Totals	109	5	2	4	14	6	8	12	21	10	11	5	11	..	63	4	4	6	9	3	1	4	1	1	2	2	1	4	..	..	..	4
	Males	57	1	2	2	9	..	5	7	11	4	7	3	6	..	27	1	3	4	7	2	..	2	1	1	1	1	1	4	..	..	..	2
	Females	49	2	..	2	5	6	3	5	10	6	4	1	5	..	34	3	1	2	2	1	1	2	..	..	1	1	..	..	..	..	..	1
	Unknown	3	2	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Eaton	Totals	335	27	28	29	36	28	31	18	33	25	37	20	23	..	99	21	7	7	12	19	11	10	12	9	6	18	11	19	19	33	16	6
	Males	170	16	12	17	18	17	14	8	15	11	17	10	15	..	54	14	3	3	5	5	4	4	6	3	2	14	7	11	8	18	6	3
	Females	165	11	16	12	18	11	17	10	18	14	20	10	8	..	45	7	4	4	7	14	7	6	6	6	4	4	4	8	11	15	10	3
Emmet	Totals	106	11	11	7	12	7	2	12	14	9	6	5	10	..	48	5	1	4	6	5	3	5	..	1	4	2	6	6	1	2	4	3
	Males	47	3	6	3	5	4	..	9	6	4	2	2	3	..	22	..	1	..	1	2	1	2	..	..	2	..	5	5	..	2	1	3
	Females	59	8	5	4	7	3	2	3	8	5	4	3	7	..	26	5	..	4	5	3	2	3	..	1	2	2	1	1	1	..	3	..
Genesee	Totals	295	20	15	24	34	17	26	33	22	29	24	24	26	1	71	6	10	13	10	10	6	10	13	14	12	17	15	22	23	17	25	1
	Males	169	12	7	12	22	8	15	22	11	19	11	14	16	..	40	4	5	7	6	5	2	7	6	8	6	12	7	12	17	12	13	..
	Females	124	7	8	11	12	9	11	11	11	10	13	10	10	1	29	2	5	6	4	5	4	3	7	6	6	5	8	10	6	5	12	1
	Unknown	2	1	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gladwin	Totals	29	..	1	1	2	3	4	2	4	5	1	4	1	1	18	1	1	1	2	1	1	..	..	1	..	2	..	..	..	..	1	..
	Males	14	..	1	..	1	2	2	..	2	4	..	2	..	..	7	1	..	..	1	..	1	..	..	1	..	2	..	..	..	..	1	..
	Females	15	..	..	1	1	1	2	2	2	1	1	2	1	1	11	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..
G'd Traverse	Totals	82	7	5	6	3	9	5	7	12	10	9	5	4	..	22	2	..	4	4	6	1	9	8	4	1	2	4	5	2	5	2	1
	Males	48	4	2	3	3	3	5	3	7	4	7	3	4	..	14	1	..	2	1	5	1	4	5	2	..	1	2	4	1	3	1	1
	Females	34	3	3	3	..	6	..	4	5	6	2	2	..	..	8	1	..	2	3	1	..	5	3	2	1	1	2	1	1	2	1	..
Gratiot	Totals	170	10	11	19	12	8	10	16	18	20	10	15	21	..	73	4	3	6	3	9	9	11	3	3	7	4	5	10	10	4	5	1
	Males	87	6	3	9	5	4	6	11	7	15	4	7	10	..	36	2	2	2	2	3	4	7	1	3	3	2	2	5	6	2	4	1
	Females	83	4	8	10	7	4	4	5	11	5	6	8	11	..	37	2	1	4	1	6	5	4	2	..	4	2	3	5	4	2	1	..
Hillsdale	Totals	278	10	17	13	26	21	24	24	25	23	37	25	32	1	54	16	7	6	18	14	9	7	8	9	8	6	19	21	24	21	25	6
	Males	132	4	9	5	18	9	10	9	13	9	20	10	16	..	28	6	2	4	12	5	2	..	3	4	6	1	6	10	13	14	14	2
	Females	146	6	8	8	8	12	14	15	12	14	17	15	16	1	26	10	5	2	6	9	7	7	5	5	2	5	13	11	11	7	11	4

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																		
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Houghton	Totals	420	21	17	34	23	20	24	40	64	60	58	33	26	..	253	13	10	13	25	13	12	15	5	10	12	5	4	7	6	5	4	8
	Males	234	13	9	20	14	10	15	25	36	28	28	17	19	..	140	7	6	7	13	7	6	9	4	7	7	4	....	1	2	3	4	7
	Females	185	8	8	14	9	9	9	15	28	32	30	16	7	..	112	6	4	6	12	6	6	6	1	3	5	1	4	6	4	2	....	1
	Unknown	1	....	....	....	....	1	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Huron	Totals	217	16	9	17	15	26	19	12	19	14	31	20	19	..	95	14	4	9	9	5	9	6	3	6	5	7	7	13	8	5	10	2
	Males	120	9	5	11	7	15	9	7	10	10	13	14	10	..	59	6	3	2	4	2	4	1	1	3	2	4	3	9	7	3	7	..
	Females	96	7	4	6	8	11	10	4	9	4	18	6	9	..	35	8	1	7	5	3	5	5	2	3	3	3	4	4	1	2	3	2
	Unknown	1	....	....	....	....	....	....	1	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Ingham	Totals	251	5	6	11	10	19	14	21	29	27	48	27	33	1	73	8	9	10	10	15	13	8	4	6	11	6	15	13	16	14	14	6
	Males	129	2	3	6	5	5	10	11	14	13	25	16	18	1	40	3	3	3	3	7	7	2	1	4	7	3	7	8	9	9	10	3
	Females	121	3	3	5	5	14	4	10	15	14	22	11	15	..	32	5	6	7	7	8	6	6	3	2	4	3	8	5	7	5	4	3
	Unknown	1	....	....	....	....	....	....	....	....	....	1	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Ionia	Totals	257	23	12	24	17	16	16	29	24	31	29	14	22	..	58	6	11	14	13	10	13	11	9	8	8	9	9	22	18	17	17	4
	Males	141	17	9	15	5	4	7	15	11	18	14	12	14	..	32	4	4	6	5	4	4	5	6	6	2	7	4	12	16	11	10	3
	Females	116	6	3	9	12	12	9	14	13	13	15	2	8	..	26	2	7	8	8	6	9	6	3	2	6	2	5	10	2	6	7	1
Iosco	Totals	104	9	8	14	11	6	7	5	13	8	8	9	6	..	62	8	6	2	2	4	1	2	1	2	1	3	2	1	2	2	3	..
	Males	52	5	5	8	4	3	3	5	8	2	2	4	3	..	32	2	4	1	1	1	1	1	....	2	1	2	1	....	1	1	1	..
	Females	51	4	3	6	7	3	4	....	5	5	6	5	3	..	29	6	2	1	1	3	....	1	1	....	....	1	1	1	1	1	2	..
	Unknown	1	....	....	....	....	....	....	....	....	1	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Iron	Totals	10	....	....	....	....	2	1	1	2	1	....	1	2	..	5	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2
	Males	2	....	....	....	....	....	....	....	....	....	....	....	2	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
	Females	6	....	....	....	....	1	1	1	2	1	....	....	....	..	3	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	..
	Unknown	2	....	....	....	....	1	....	....	....	....	....	1	....	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	*	....	....	..

Isabella	Totals	130	8	11	11	17	9	13	4	6	13	11	11	15	1	55	5	6	9	7	6	2	3	4	4	5	2	2	4	3	2	5	6
	Males	67	6	7	5	5	6	8	2	2	6	5	7	8	..	26	1	3	5	5	2	1	2	..	2	5	2	1	2	2	..	4	4
	Females	62	2	4	6	12	3	5	2	4	7	6	4	6	1	28	4	3	4	2	4	1	1	4	2	..	..	1	2	1	2	1	2
	Unknown	1	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Jackson	Totals	358	22	22	27	25	20	19	34	29	39	31	51	39	..	93	21	7	19	14	17	17	20	3	8	10	20	15	22	20	20	27	5
	Males	168	11	11	13	9	7	8	17	13	22	12	27	18	..	46	9	1	6	9	9	7	10	1	3	5	11	10	9	6	10	14	2
	Females	190	11	11	14	16	13	11	17	16	17	19	24	21	..	47	12	6	13	5	8	10	10	2	5	5	9	5	13	14	10	13	3
Kalamazoo	Totals	361	20	18	29	19	24	27	27	41	25	42	45	44	..	93	23	3	17	22	10	14	9	16	12	15	21	16	21	20	17	26	6
	Males	212	12	9	16	11	14	15	15	26	15	22	31	26	..	54	8	2	6	14	7	10	5	13	6	9	13	10	14	15	9	16	1
	Females	148	8	9	13	7	10	12	12	15	10	20	14	18	..	38	15	1	11	8	3	4	4	3	6	6	8	6	7	5	8	10	5
	Unknown	1	....	....	....	1	....	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Kalkaska	Totals	35	1	....	1	2	4	5	8	4	2	2	3	3	..	18	....	....	1	1	1	....	....	3	2	2	3	....	3	....	....	1	..
	Males	20	1	....	....	1	2	3	2	2	2	2	2	3	..	12	....	....	....	....	1	....	....	1	....	....	3	....	3	....	....	....	..
	Females	15	....	....	1	1	2	2	6	2	....	....	1	....	..	6	....	....	1	1	....	....	....	2	2	2	....	....	....	....	....	1	..
Kent	Totals	795	51	60	54	72	57	50	60	93	88	63	56	89	2	311	21	23	24	28	39	28	33	33	15	21	25	42	36	29	30	46	11
	Males	423	20	31	29	39	35	30	30	44	55	31	34	44	1	159	16	14	11	16	17	13	13	18	6	11	14	24	19	17	22	27	6
	Females	372	31	29	25	33	22	20	30	49	33	32	22	45	1	152	5	9	13	12	22	15	20	15	9	10	11	18	17	12	8	19	5
Keweenaw	Totals	66	3	6	6	2	4	3	6	12	7	6	6	5	..	49	4	....	1	1	....	....	....	3	1	3	....	....	....	1	1	..	2
	Males	38	1	4	2	2	3	2	4	7	4	5	2	2	..	30	....	....	1	..	....	....	....	2	1	1	....	....	....	1	....	..	2
	Females	28	2	2	4	....	1	1	2	5	3	1	4	3	..	19	4	....	....	1	....	....	....	1	....	2	....	....	....	....	1	..	..
Lake	Totals	42	....	2	1	....	2	5	2	8	9	1	1	3	8	23	....	....	....	1	2	....	1	2	....	....	1	....	....	1	....	2	9
	Males	24	....	2	1	....	....	2	2	6	4	1	1	1	4	13	....	....	....	..	2	....	..	....	....	....	1	....	....	1	....	2	5
	Females	18	....	....	....	....	2	3	....	2	5	....	....	2	4	10	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....	..	4
Lapeer	Totals	230	10	9	15	25	13	18	15	21	16	31	28	29	..	72	8	4	11	15	8	8	7	8	7	5	18	13	12	11	11	12	..
	Males	116	6	3	3	13	9	8	10	12	7	15	17	13	..	41	4	1	3	3	2	3	4	3	2	3	12	6	8	5	6	10	..
	Females	114	4	6	12	12	4	10	5	9	9	16	11	16	..	31	4	3	8	12	6	5	3	5	5	2	6	7	4	6	5	2	..

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Leelanaw	Totals	85	5	1	11	6	16	5	6	5	7	8	9	6	..	40	5	....	1	2	5	2	2	1	2	....	3	4	3	5	6	4	..
	Males	51	4	1	6	4	7	3	4	2	6	3	6	5	..	19	4	....	1	1	4	2	2	....	1	....	....	2	3	4	5	3	..
	Females	34	1	....	5	2	9	2	2	3	1	5	3	1	..	21	1	....	....	1	1	....	....	1	1	....	3	2	....	1	1	1	..
Lenawee	Totals	392	16	24	45	29	34	28	39	32	40	34	32	38	1	71	9	8	16	24	19	13	9	9	16	15	28	21	33	30	26	40	5
	Males	210	11	8	20	18	22	16	23	14	21	21	14	21	1	34	3	5	10	11	7	5	2	5	11	6	17	14	21	25	15	19	..
	Females	179	5	16	24	11	12	12	16	18	19	12	18	16	..	35	6	3	6	13	12	8	7	4	5	9	11	7	12	5	11	21	4
	Unknown	3	....	....	1	....	....	....	....	....	....	1	....	1	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Livingston	Totals	149	5	6	14	10	11	8	13	15	20	15	16	16	..	34	3	2	3	7	8	6	3	8	7	5	5	5	15	12	11	15	..
	Males	83	2	4	6	4	5	6	5	9	13	10	7	12	..	18	..	1	3	3	5	2	3	3	3	3	4	4	10	6	5	10	..
	Females	66	3	2	8	6	6	2	8	6	7	5	9	4	..	16	3	1	....	4	3	4	....	5	4	2	1	1	5	6	6	5	..
Mackinac	Totals	28	3	1	....	1	3	1	1	6	3	4	2	3	..	13	2	....	....	1	....	2	2	1	1	1	....	....	....	....	1	2	2
	Males	20	3	....	....	....	1	1	1	6	2	2	2	2	..	8	2	....	....	....	....	2	2	1	1	1	....	....	....	....	1	1	1
	Females	8	....	1	....	1	2	....	....	....	1	2	....	1	..	5	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1
Macomb	Totals	290	8	14	25	17	27	17	26	35	40	26	26	29	..	84	15	5	8	15	18	14	9	5	8	12	11	10	17	20	16	20	3
	Males	140	4	6	12	2	18	7	16	17	18	14	13	13	..	53	6	2	2	4	6	8	4	2	1	5	8	1	7	9	9	10	3
	Females	150	4	8	13	15	9	10	10	18	22	12	13	16	..	31	9	3	6	11	12	6	5	3	7	7	3	9	10	11	7	10	..
Manistee	Totals	169	2	9	10	16	11	11	14	27	22	15	9	22	1	105	5	9	7	8	2	3	4	2	4	4	1	3	2	4	1	1	4
	Males	100	2	6	7	10	8	6	9	16	10	7	4	14	1	62	5	5	4	6	....	1	1	2	2	1	1	1	1	4	1	....	3
	Females	69	....	3	3	6	3	5	5	11	12	8	5	8	..	43	....	4	3	2	2	2	3	....	2	3	....	2	1	....	....	1	1
Manitou	Totals	5	....	....	....	1	....	....	....	....	1	....	....	3	..	1	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	1	..
	Males	3	....	....	....	....	....	....	....	....	1	....	....	2	..	1	....	....	....	....	....	....	....	....	1	....	....	....	..	....	....	1	..
	Females	2	....	....	....	1	....	....	....	....	....	....	....	1	..	....	....	....	....	....	....	....	....	....	..	....	....	....	2	....	....	....	..

Marquette	Totals	328	14	22	23	28	18	19	23	40	31	30	44	36	-	189	23	8	11	12	19	12	11	7	13	7	5	5	3	1	----	2	--
	Males	186	9	14	17	16	9	10	13	19	16	16	27	20	--	96	10	4	7	10	15	8	8	5	7	6	2	4	2	----	----	2	--
	Females	142	5	8	6	12	9	9	10	21	15	14	17	16	--	93	13	4	4	2	4	4	3	2	6	1	3	1	1	1	----	----	--
Mason	Totals	149	6	7	3	5	9	12	8	15	20	23	15	16	10	74	11	3	4	4	3	5	1	7	3	1	5	3	5	3	2	6	9
	Males	72	2	3	1	2	4	9	6	6	10	13	6	6	4	36	7	1	----	----	2	2	1	2	2	1	1	2	4	2	----	1	8
	Females	75	4	4	2	3	4	3	2	8	10	10	9	10	6	36	4	2	4	4	1	3	----	5	1	----	4	1	1	1	2	5	1
	Unknown	2	----	----	----	----	1	----	----	1	----	----	----	----	--	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Mecosta	Totals	154	6	10	17	18	15	5	8	9	13	22	15	16	--	55	6	6	7	15	9	7	8	7	6	3	7	2	----	4	4	4	4
	Males	99	5	8	8	12	8	4	6	6	7	15	10	10	--	40	5	2	4	11	8	4	3	5	1	3	4	1	----	3	1	1	3
	Females	55	1	2	9	6	7	1	2	3	6	7	5	6	--	15	1	4	3	4	1	3	5	2	5	----	3	1	----	1	3	3	1
Menominee	Totals	228	11	9	14	15	16	12	27	36	31	25	19	7	6	132	10	2	5	17	15	5	5	7	6	3	1	2	4	1	2	2	9
	Males	142	8	7	6	11	12	9	15	20	19	15	10	4	6	78	4	1	2	14	11	5	3	3	4	3	1	1	3	1	1	1	6
	Females	82	3	2	7	3	4	3	11	15	12	10	9	3	--	51	6	1	3	3	4	----	2	4	2	----	----	1	1	----	1	1	2
	Unknown	4	----	----	1	1	----	----	1	1	----	----	----	----	--	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
Midland	Totals	71	4	4	5	5	3	6	4	10	6	7	6	9	2	33	7	1	7	4	2	2	5	----	----	1	----	1	2	----	4	1	1
	Males	39	1	3	2	2	1	1	1	7	5	6	3	5	2	17	4	1	4	2	1	----	1	----	----	1	----	1	2	----	3	1	1
	Females	32	3	1	3	3	2	5	3	3	1	1	3	4	--	16	3	----	3	2	1	2	4	----	----	----	----	----	----	----	1	----	--
Missaukee	Totals	23	1	----	2	3	----	4	----	3	3	----	3	4	--	8	1	----	----	1	1	3	1	----	2	2	----	1	----	2	1	----	--
	Males	15	1	----	2	3	----	3	----	1	2	----	1	2	--	3	1	----	----	1	1	2	1	----	1	2	----	1	----	1	1	----	--
	Females	8	----	----	----	----	----	1	----	2	1	----	2	2	--	5	----	----	----	----	----	1	----	----	1	----	----	----	----	1	----	----	--
Monroe	Totals	300	16	23	22	22	25	17	26	25	25	34	28	37	--	103	14	9	14	14	14	6	9	10	6	9	8	11	19	12	20	16	6
	Males	153	12	10	11	10	13	8	16	11	14	17	15	16	--	53	7	2	7	6	3	1	7	7	6	6	7	2	11	10	10	7	1
	Females	147	4	13	11	12	12	9	10	14	11	17	13	21	--	50	7	7	7	8	11	5	2	3	----	3	1	9	8	2	10	9	5
Montcalm	Totals	205	7	7	15	14	19	14	16	22	36	19	17	19	--	93	6	6	6	6	5	8	7	10	9	11	8	8	9	5	4	2	2
	Males	116	4	4	10	5	12	7	8	10	21	14	12	9	--	59	5	----	4	2	1	4	2	5	6	5	3	5	8	3	2	1	1
	Females	89	3	3	5	9	7	7	8	12	15	5	5	10	--	34	1	6	2	4	4	4	5	5	3	6	5	3	1	2	2	1	1

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Montmorency	Totals	14	...	...	1	...	...	1	2	4	1	1	3	1	..	8	1	1	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	1
	Males	7	...	...	1	...	...	1	2	1	...	...	2	...	..	2	1	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Females	7	...	...	...	...	...	...	...	3	1	1	1	1	..	6	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..
Muskegon	Totals	318	13	8	23	29	17	22	17	46	41	31	29	40	2	187	14	7	10	11	12	11	6	8	5	6	5	8	6	4	5	11	2
	Males	192	9	5	14	18	10	18	11	30	23	16	12	25	1	121	10	3	5	7	5	1	3	6	2	4	4	6	3	3	2	6	1
	Females	126	4	3	9	11	7	4	6	16	18	15	17	15	1	66	4	4	5	4	7	10	3	2	3	2	1	2	3	1	3	5	1
Newaygo	Totals	114	5	6	8	7	10	5	11	12	19	12	11	8	..	49	9	7	6	3	6	2	2	2	4	3	3	4	5	4	2	2	1
	Males	51	2	2	2	2	2	3	4	7	8	8	7	4	..	20	4	4	4	3	2	1	...	...	2	2	1	3	2	1	...	1	1
	Females	63	3	4	6	5	8	2	7	5	11	4	4	4	..	29	5	3	2	...	4	1	2	2	2	1	2	1	3	3	2	1	..
Oakland	Totals	352	29	14	33	38	36	37	19	20	31	30	29	36	..	73	10	7	11	13	22	10	11	20	18	19	21	20	17	27	20	31	2
	Males	175	11	6	12	19	17	21	10	12	15	16	14	22	..	41	4	3	1	7	2	5	4	6	8	10	11	15	9	19	12	17	1
	Females	176	18	8	21	19	19	16	9	8	15	14	15	14	..	31	6	4	10	6	20	5	7	14	10	9	10	5	8	8	8	14	1
	Unknown	1	...	...	...	...	...	...	...	...	1	...	...	...	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Oceana	Totals	105	4	10	10	2	12	12	8	10	14	14	6	3	..	39	2	4	4	4	...	3	3	2	3	4	7	7	7	3	4	8	1
	Males	68	2	4	5	2	8	8	5	7	10	11	3	3	..	24	1	2	3	1	...	3	3	2	1	4	5	6	4	2	2	4	1
	Females	37	2	6	5	...	4	4	3	3	4	3	3	...	..	15	1	2	1	3	...	...	...	...	2	...	2	1	3	1	2	4	..
Ogemaw	Totals	24	1	...	5	3	1	2	2	3	1	2	1	3	..	6	...	1	2	2	2	...	1	...	...	1	2	...	1	1	...	2	3
	Males	12	...	..	1	2	1	1	1	2	1	1	...	2	..	4	...	1	1	...	...	...	1	...	...	...	1	...	...	1	...	2	1
	Females	12	1	...	4	1	...	1	1	1	...	1	1	1	..	2	...	...	1	2	2	...	...	...	...	1	1	...	1	...	...	...	2

Ontonagon	Totals	61	4	3	4	3	6	2	5	9	8	5	6	5	1	22	3	1	2	2	6	6	5	2	3	1	1	2	1	----	----	----	4
	Males	38	3	2	2	3	1	2	5	5	5	3	2	4	1	11	----	1	1	1	5	5	2	1	3	1	1	1	1	----	----	----	4
	Females	22	1	1	2	----	5	----	----	4	2	2	4	1	--	10	3	----	1	1	1	1	3	1	----	----	----	1	----	----	----	----	--
	Unknown	1	----	----	----	----	----	----	----	----	1	----	----	----	--	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Osceola	Totals	127	8	8	10	4	13	12	17	11	11	9	15	8	1	54	10	9	10	4	6	2	5	5	2	2	1	6	3	1	2	4	1
	Males	72	5	4	4	4	5	8	10	9	6	5	8	3	1	30	3	4	8	3	2	2	3	2	1	2	1	5	2	1	2	1	--
	Females	55	3	4	6	----	8	4	7	2	5	4	7	5	--	24	7	5	2	1	4	----	2	3	1	----	----	1	1	----	----	3	1
Oscoda	Totals	13	2	----	----	1	2	----	2	2	1	----	3	----	--	6	----	----	1	1	1	1	----	----	----	----	1	----	1	1	----	----	--
	Males	9	2	----	----	1	1	----	2	1	----	----	2	----	--	3	----	----	----	1	1	1	----	----	----	----	1	----	1	1	----	----	--
	Females	4	----	----	----	----	1	----	----	1	1	----	1	----	--	3	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Otsego	Totals	24	----	1	1	1	3	2	2	4	2	5	3	----	--	13	1	----	2	----	4	----	----	----	----	1	1	----	1	----	----	1	--
	Males	11	----	----	----	----	1	1	1	2	1	3	2	----	--	5	----	----	----	----	2	----	----	----	----	1	1	----	1	----	----	1	--
	Females	13	----	1	1	1	2	1	1	2	1	2	1	----	--	8	1	----	2	----	2	----	----	----	----	----	----	----	----	----	----	----	--
Ottawa	Totals	359	20	27	35	25	37	22	27	42	30	33	22	38	1	153	8	12	21	15	12	11	8	3	11	10	6	13	11	22	18	19	6
	Males	188	11	12	21	11	21	10	18	23	15	15	13	18	--	86	5	3	9	4	6	5	5	2	6	4	2	5	5	13	14	10	4
	Females	168	9	14	14	13	16	12	9	18	15	18	9	20	1	64	3	9	12	11	6	6	3	1	5	6	4	8	6	9	4	9	2
	Unknown	3	----	1	----	1	----	----	----	1	----	----	----	----	--	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Presque Isle	Totals	50	1	4	3	4	2	2	3	7	7	2	11	4	--	24	5	6	1	1	1	2	----	2	1	2	----	3	1	1	----	----	--
	Males	27	1	2	1	3	----	----	1	1	5	----	11	2	--	14	----	5	----	1	----	1	----	----	1	----	----	3	1	1	----	----	--
	Females	23	----	2	2	1	2	2	2	6	2	2	----	2	--	10	5	1	1	----	1	1	----	2	----	2	----	----	----	----	----	----	--
Roscommon	Totals	7	----	----	1	----	1	1	----	1	----	1	----	----	2	2	----	1	----	----	1	----	----	1	----	1	----	----	----	----	----	----	1
	Males	6	----	----	1	----	1	1	----	1	----	1	----	----	1	2	----	----	----	----	1	----	----	1	----	1	----	----	----	----	----	----	1
	Females	1	----	----	----	----	----	----	----	----	--	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Saginaw	Totals	943	79	77	78	62	68	62	60	86	90	75	101	105	--	401	41	21	33	35	39	22	30	24	32	33	16	29	17	21	24	31	94
	Males	517	43	43	40	34	41	36	31	53	46	37	53	60	--	217	29	14	18	16	19	9	13	12	20	22	10	14	9	17	16	13	49
	Females	421	36	34	37	28	27	26	29	31	42	38	48	45	--	179	12	7	15	19	20	13	17	12	12	11	6	15	8	4	8	18	45
	Unknown	5	----	----	1	----	----	----	----	2	2	----	----	----	--	5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--

TABLE 61.—CONTINUED.—*Deaths by Counties, by Sex, by Months, and by Age, 1886.*

Counties.	Sex.	Year, 1886.	Months, 1886.													Ages in Periods of Years, 1886.																	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Sanilac	Totals	261	23	15	17	21	20	27	19	21	24	19	31	24	..	107	20	13	24	12	10	9	4	7	9	3	6	11	7	3	8	8	..
	Males	131	12	11	9	8	6	13	10	13	14	6	16	13	..	58	9	5	12	4	4	6	1	3	5	1	4	6	5	....	5	3	..
	Females	129	11	4	8	13	14	13	9	8	10	13	15	11	..	48	11	8	12	8	6	3	3	4	4	2	2	5	2	3	3	5	..
	Unknown	1	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Schoolcraft	Totals	21	1	2	....	....	1	2	1	5	2	2	1	3	1	11	....	....	....	....	....	3	2	....	1	....	....	....	1	....	1	....	2
	Males	16	....	1	....	....	1	2	1	4	1	2	....	3	1	8	....	....	....	....	....	2	1	....	1	....	....	....	1	....	1	....	2
	Females	5	1	1	....	....	....	....	....	1	1	....	1	....	..	3	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	..
Shiawassee	Totals	216	8	6	19	15	16	20	11	23	28	29	20	18	3	59	7	6	12	13	10	8	7	5	8	13	6	8	15	7	11	20	1
	Males	118	5	4	8	9	5	12	7	12	18	14	12	9	3	36	3	4	8	3	4	3	1	2	6	5	4	3	11	5	8	11	1
	Females	98	3	2	11	6	11	8	4	11	10	15	8	9	..	23	4	2	4	10	6	5	6	3	2	8	2	5	4	2	3	9	..
St Clair	Totals	460	33	27	39	33	29	21	39	51	52	51	42	42	1	178	23	19	14	30	11	10	14	12	17	7	15	10	26	25	14	29	6
	Males	237	19	9	18	20	18	12	18	25	26	26	20	25	1	96	13	8	5	10	3	2	7	6	9	4	8	6	12	19	9	17	3
	Females	223	14	18	21	13	11	9	21	26	26	25	22	17	..	82	10	11	9	20	8	8	7	6	8	3	7	4	14	6	5	12	3
St. Joseph	Totals	241	11	7	19	21	18	15	24	30	25	30	22	19	..	61	8	5	14	5	14	6	3	7	5	12	10	8	20	14	17	31	1
	Males	125	7	3	6	13	11	2	14	22	15	15	8	9	..	34	5	1	5	3	5	2	1	2	3	6	5	4	11	9	11	17	1
	Females	114	4	4	13	8	7	13	9	8	10	14	14	10	..	25	3	4	9	2	9	4	2	5	2	6	5	4	9	5	6	14	..
	Unknown	2	....	....	....	....	....	....	1	....	....	1	....	....	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Tuscola	Totals	269	15	10	29	22	13	15	19	28	42	28	22	26	..	105	14	11	20	16	13	7	5	7	5	9	5	9	12	7	6	9	9
	Males	139	3	5	13	14	4	8	9	20	19	15	12	17	..	64	8	5	6	4	3	2	3	3	4	3	1	5	8	6	4	6	4
	Females	128	12	5	15	8	9	7	10	7	23	13	10	9	..	39	6	6	14	12	10	5	2	4	1	6	4	4	4	1	2	3	5
	Unknown	2	....	....	1	....	....	....	....	1	....	....	....	....	..	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..

Van Buren	Totals	279	19	17	17	14	21	23	20	27	36	26	36	22	1	79	15	8	11	13	14	7	8	5	12	14	11	10	11	20	18	17	6
	Males	134	11	7	8	7	9	15	8	15	14	10	17	13	..	39	5	2	4	5	5	2	7	2	6	6	3	5	7	12	12	10	2
	Females	145	8	10	9	7	12	8	12	12	22	16	19	9	1	40	10	6	7	8	9	5	1	3	6	8	8	5	4	8	6	7	4
Washtenaw	Totals	323	21	31	26	24	23	23	26	27	23	25	26	48	..	81	7	10	9	16	19	5	9	6	8	11	19	18	21	30	22	29	3
	Males	168	13	13	17	15	10	12	15	17	11	11	12	22	..	45	3	5	5	6	6	1	4	2	2	7	11	9	11	18	11	19	3
	Females	154	7	18	9	9	13	11	11	10	12	14	14	26	..	35	4	5	4	10	13	4	5	4	6	4	8	9	10	12	11	10	..
	Unknown	1	1	....	....	....	....	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Wayne	Totals	3,324	227	241	284	247	241	246	282	295	288	315	284	370	4	1537	241	99	106	138	133	86	104	98	104	92	97	100	82	92	75	79	61
	Males	1,815	132	137	149	128	134	130	151	173	158	159	155	206	3	828	127	49	59	79	65	49	63	52	63	54	58	60	46	50	44	36	33
	Females	1,501	95	103	135	118	107	116	130	122	130	153	128	163	1	705	114	50	47	59	68	37	41	46	41	38	39	40	36	42	31	43	24
	Unknown	8	....	1	....	1	....	....	1	....	....	3	1	1	..	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	4
Wexford	Totals	83	1	8	3	4	8	6	8	6	13	6	9	10	1	42	1	5	6	3	4	4	3	....	2	2	5	2	1	1	....	....	2
	Males	46	1	4	2	3	3	3	3	5	8	3	5	6	..	26	1	2	3	....	1	2	1	....	2	1	4	1	....	1	....	....	1
	Females	37	....	4	1	1	5	3	5	1	5	3	4	4	1	16	....	3	3	3	3	2	2	....	....	1	1	1	1	....	..	....	1

COLOR OF DECEDENTS IN MICHIGAN IN 1886.

Table 62 enables us to compare the number and per cent of deaths among the White inhabitants of Michigan with that of the Black, Mulatto and Indians. By an examination of the last column of the table it will be seen that the death-rate is less than the average among the White and Mulatto inhabitants and greater than the average among the Blacks and Indians. The proportion of males is the same for the White as for all colors, and greater than for the others.

In Table 63 may be found the deaths arranged by counties, by color and by sex.

TABLE 62.—*Deaths returned for the year 1886, distinguishing the Color by Number and Proportion of each Sex, and by Sex, the Per Cent of Decedents of each Color to Total of all Colors; the Per Cent of Inhabitants of each Color to Total of all Colors; and the Per Cent of Decedents to Inhabitants.*

Color.	Sex.	Population, June 1, 1884.	Number of deaths returned.	Per cent of deaths of each sex to total of both sexes.	Males to 100 females.	Per cent of deaths of each color to total of all colors by sex.	Per cent of inhabitants of each color to total of all colors by sex, June 1, 1886.	Death-rate—Per cent of deaths in 1886 to population in 1884.
All colors	Totals	* 1,848,064	18,187	.....	.....	100.00	100.00	.98
	Males	971,221	9,725	53.65	116	100.00	100.00	1.00
	Females	876,637	8,402	46.35	.....	100.00	100.00	.95
	Unknown	206	60	.....	.....	100.00	100.00	.....
White	Totals	1,825,190	17,846	.....	.....	98.13	98.76	.97
	Males	959,323	9,558	53.67	116	98.28	98.78	.99
	Females	865,857	8,252	46.33	.....	98.22	98.77	.95
	Unknown	10	36	.....	.....	60.00	4.85	.....
Black	Totals	6,851	126	.....	.....	.69	.37	1.83
	Males	3,689	67	53.17	114	.69	.38	1.81
	Females	3,162	59	46.83	.....	.70	.37	1.86
Mulatto	Totals	8,257	78	.....	.....	.43	.45	.94
	Males	4,201	41	52.56	111	.42	.43	.98
	Females	4,056	37	47.44	.....	.44	.46	.91
Indian	Totals	6,674	104	.....	.....	.57	.36	1.56
	Males	3,473	53	50.96	104	.55	.36	1.52
	Females	3,201	51	49.04	.....	.60	.36	1.59
Unknown	Totals	1,022	33	.....	.....	.18	.06	3.22
	Males	465	6	66.67	200	.06	.05	1.29
	Females	361	3	33.33	.....	.04	.04	.83
	Unknown	196	24	.....	.....	40.00	95.14	.....
Black and Mulatto	Totals	15,108	204	.....	.....	1.12	.08	1.35
	Males	7,890	108	52.94	113	1.12	.81	1.37
	Females	7,218	96	47.06	.....	1.14	.82	1.33

* Includes 70 Asiatic males.

TABLE 63.—*Exhibiting, by Number and by Sex, for the State and Counties, the Color of Decedents, returned for the Year 1886.*

State and Counties.	All Colors, 1886.				White.				Black.			Mulatto.			Indian.			Unknown.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
State	18,187	9,725	8,402	60	17,846	9,558	8,252	36	126	67	59	78	41	37	104	53	51	33	6	3	24
Alcona	19	10	9	..	19	10	9	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Alger	7	4	3	..	7	4	3	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Allegan	322	160	160	2	314	156	156	2	1	1	..	5	2	3	2	1	1	....	....	..	..
Alpena	131	66	65	..	131	66	65	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Antrim	56	26	30	..	56	26	30	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Arenac	35	18	17	..	35	18	17	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Baraga	25	13	12	..	19	11	8	..	....	....	..	....	....	..	6	2	4	....	....	..	..
Barry	182	94	88	..	182	94	88	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Bay	473	245	228	..	470	245	225	..	2	....	2	....	....	..	1	....	1	....	....	..	..
Benzie	46	29	17	..	46	29	17	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Berrien	329	185	143	1	319	180	138	1	10	5	5	....	....	..	....	....	..	....	....	..	..
Branch	312	163	148	1	311	162	148	1	1	1	..	....	....	..	....	....	..	....	....	..	..
Calhoun	396	197	190	9	387	192	188	7	3	1	2	4	4	..	....	....	..	2	....	..	2
Cass	151	78	73	..	134	71	63	..	9	5	4	8	2	6	....	....	..	....	....	..	..
Charlevoix	62	29	33	..	60	28	32	..	1	1	..	1	....	1	....	....	..	....	....	..	..
Cheboygan	85	46	39	..	81	43	38	..	4	3	1	....	....	..	....	....	..	....	....	..	..
Chippewa	52	34	18	..	48	31	17	..	....	....	..	....	....	..	4	3	1	....	....	..	..
Clare	33	15	18	..	31	14	17	..	....	....	..	....	....	..	....	....	..	2	1	1	..
Clinton	199	100	98	1	197	100	97	..	....	....	..	1	....	1	....	....	..	1	....	..	1
Crawford	28	12	16	..	28	12	16	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Delta	109	57	49	3	109	57	49	3	....	....	..	....	....	..	....	....	..	....	....	..	..
Eaton	335	170	165	..	335	170	165	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Emmet	106	47	59	..	72	31	41	..	....	....	..	....	....	..	34	16	18	....	....	..	..
Genesee	295	169	124	2	293	168	123	2	....	....	..	2	1	1	....	....	..	....	....	..	..
Gladwin	29	14	15	..	28	13	15	..	....	....	..	1	1	..	....	....	..	....	....	..	..
Gd. Traverse	82	48	34	..	82	48	34	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Gratiot	170	87	83	..	170	87	83	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Hillsdale	278	132	146	..	277	132	145	..	1	....	1	....	....	..	....	....	..	....	....	..	..
Houghton	420	234	185	1	420	234	185	1	....	....	..	....	....	..	....	....	..	....	....	..	..
Huron	217	120	96	1	217	120	96	1	....	....	..	....	....	..	....	....	..	....	....	..	..

TABLE 63.—CONTINUED.—*Deaths by Counties, by Color, and by Sex.*

Counties.	All Colors, 1886.				White.				Black.			Mulatto.			Indian.			Unknown.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
Ingham	251	129	121	1	243	126	116	1	3	....	3	2	1	1	....	....	..	3	2	1	..
Ionia	257	141	116	..	253	141	112	..	1	....	1	3	....	3	....	....	..	....	....	..	..
Iosco	104	52	51	1	103	52	51	..	....	....	..	....	....	..	....	....	..	1	....	..	1
Iron	10	2	6	2	9	2	6	1	....	....	..	....	....	..	....	....	..	1	....	..	1
Isabella	130	67	62	1	125	64	61	..	1	1	..	2	1	1	1	1	..	1	....	..	1
Jackson	358	168	190	..	353	167	186	..	5	1	4	....	....	..	....	....	..	....	....	..	..
Kalamazoo	361	212	148	1	336	199	136	1	20	9	11	5	4	1	....	....	..	....	....	..	..
Kalkaska	35	20	15	..	35	20	15	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Kent	795	423	372	..	790	422	368	..	4	1	3	1	....	1	....	....	..	....	....	..	..
Keweenaw	66	38	28	..	66	38	28	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Lake	42	24	18	..	42	24	18	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Lapeer	230	116	114	..	229	115	114	..	1	1	..	....	....	..	....	....	..	....	....	..	..
Leelanaw	85	51	34	..	67	39	28	..	....	....	..	....	....	..	18	12	6	....	....	..	..
Lenawee	392	210	179	3	383	207	175	1	7	3	4	....	....	..	....	....	..	2	....	..	2
Livingston	149	83	66	..	149	83	66	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Mackinac	28	20	8	..	24	19	5	..	....	....	..	....	....	..	4	1	3	....	....	..	..
Macomb	290	140	150	..	289	139	150	..	1	1	..	....	....	..	....	....	..	....	....	..	..
Manistee	169	100	69	..	168	100	68	..	....	....	..	....	....	..	1	....	1	....	....	..	..
Manitou	5	3	2	..	5	3	2	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Marquette	328	186	142	..	328	186	142	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Mason	149	72	75	2	132	67	65	..	1	1	..	....	....	..	14	4	10	2	....	..	2
Mecosta	154	99	55	..	153	99	54	..	....	....	..	1	....	1	....	....	..	....	....	..	..
Menominee	228	142	82	4	224	142	80	2	....	....	..	....	....	..	2	....	2	2	....	..	2
Midland	71	39	32	..	71	39	32	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Missaukee	23	15	8	..	23	15	8	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Monroe	300	153	147	..	300	153	147	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Montcalm	205	116	89	..	205	116	89	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Montmorency	14	7	7	..	14	7	7	..	....	....	..	....	....	..	....	....	..	....	....	-	..
Muskegon	318	192	126	..	316	192	124	..	1	....	1	1	....	1	....	....	..	....	....	..	..
Newaygo	114	51	63	..	113	51	62	..	....	....	..	1	....	1	....	....	..	....	....	..	..
Oakland	352	175	176	1	346	170	175	1	3	3	..	3	2	1	....	....	..	....	....	..	..
Oceana	105	68	37	..	102	66	36	..	1	1	..	....	....	..	2	1	1	....	....	..	..
Ogemaw	24	12	12	..	22	12	10	..	....	....	..	....	....	..	2	....	2	....	....	..	..
Ontonagon	61	38	22	1	58	37	21	..	....	....	..	....	....	..	2	1	1	1	....	..	1
Osceola	127	72	55	..	127	72	55	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Oscoda	13	9	4	..	12	8	4	..	1	1	..	....	....	..	....	....	..	....	....	..	..
Otsego	24	11	13	..	24	11	13	..	....	....	..	....	....	..	....	....	..	....	....	..	..

TABLE 63.—CONTINUED.—*Deaths by Counties, by Color, and by Sex.*

Counties.	All Colors, 1886.				White.				Black.			Mulatto.			Indian.			Unknown.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.
Ottawa	359	188	168	3	357	186	168	3	....	....	..	....	....	..	2	2	..	....	....	..	..
Presque Isle	50	27	23	..	50	27	23	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Roscommon	7	6	1	..	7	6	1	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Saginaw	943	517	421	5	941	517	420	4	1	....	1	....	....	..	....	....	..	1	....	..	1
Sanilac	261	131	129	1	260	131	129	..	....	....	..	....	....	..	....	....	..	1	....	..	1
Schoolcraft	21	16	5	..	21	16	5	..	....	....	..	....	....	..	....	....	..	....	....	..	..
Shiawassee	216	118	98	..	210	113	97	..	2	2	..	....	....	..	....	....	..	4	3	1	..
St. Clair	460	237	223	..	458	235	223	..	....	....	..	2	2	..	....	....	..	....	....	..	..
St. Joseph	241	125	114	2	235	122	113	..	....	....	..	4	3	1	....	....	..	2	....	..	2
Tuscola	269	139	128	2	266	138	128	..	1	1	..	....	....	..	....	....	..	2	....	..	2
Van Buren	279	134	145	..	264	130	134	..	12	4	8	3	....	3	....	....	..	....	....	..	..
Washtenaw	323	168	154	1	321	166	154	1	....	....	..	2	2	..	....	....	..	....	....	..	..
Wayne	3,324	1,815	1,501	8	3,256	1,770	1,483	3	28	20	8	26	16	10	9	9	..	5	....	..	5
Wexford	83	46	37	..	83	46	37	..	....	....	..	..	....	..	....	....	..	....	....	..	..

NATIVITY OF DECEDENTS IN MICHIGAN.

Table 64 shows the relative proportion of native, foreign-born and unknown decedents to total, for the years 1884-6 and the average for the ten years preceding 1886. The per cent of native-born decedents is 1.15 greater than in 1885, but 1.35 below the ten-year average; the foreign-born are 1.47 below the rate in 1885, and 1.01 greater than the average; the per cent of unknown nativity is unusually large this year.

The figures in Table 65 give the population and deaths by nativity, sex, periods of age, and death-rate, or number of deaths to each hundred of population. As usual the death-rate for the totals is greater for the native than for the foreign-born, and in the periods of age the difference is particularly noticeable in the period under 5; after that period they will be found to more nearly approximate each other.

By throwing out the population under 5, in which period the ratio of native to foreign-born is not in proper proportion, we shall find that there is really a greater average death-rate among the foreign-born than among the native population. Excluding that period the native male population is 586,809 and the deaths 3,685, giving a death-rate of 6.3 per thousand; the foreign-born male population 266,326, deaths 1,942, and death-rate 7.3 per thousand. The female population, native 556,979, deaths 3,547, death-rate 6.4 per thousand; foreign-born 208,906, deaths 1,492, death-rate 7.1 per thousand.

Table 66 presents the deaths by counties, arranged by total deaths, native, foreign, unknown and by the sex of decedents.

TABLE 64.—*Nativity of Decedents in Michigan for the Years 1884–1886, and the Average for Ten Years ending with 1885.*

Nativity of Decedents.	Deaths, 1884.		Deaths, 1885.		Deaths, 1886.		Average for 10 Years, ending with 1885.	
	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.
All Nativities	18,056	100.00	16,646	100.00	18,187	100.00	15,604	100.00
Native-born	14,172	78.49	12,694	76.26	14,079	77.41	12,290	78.76
Foreign-born	3,380	18.72	3,482	20.92	3,537	19.45	2,878	18.44
Unknown	504	2.79	470	2.82	571	3.14	436	2.80

TABLE 65.—*By Nativity, Sex, and Periods of Age, the Population of Michigan June 1, 1884, the Number of Deaths in 1886, and the Number of Deaths to 100 Living.*

Ages in Years and Periods.	Inhabitants of Michigan June 1, 1884.						Deaths in Michigan in 1886.						Death-rate; Number of Deaths to 100 Living.					
	All Nativities.		Native.		Foreign.		All Nativities		Native.		Foreign.		All Nativities		Native.		Foreign	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Total	974,424	879,028	695,490	662,145	272,298	214,669	9,725	8,402	7,412	6,611	1,989	1,547	1.00	.96	1.07	1.00	.73	.73
Under 5	114,852	111,116	108,681	105,166	5,972	5,763	3,836	3,167	3,727	3,064	47	55	3.34	2.85	3.43	2.91	.79	.95
5 to 10	110,263	107,363	96,903	94,682	13,126	12,491	451	431	403	385	47	41	.41	.40	.42	.41	.36	.33
10 to 15	99,721	96,503	86,116	83,467	13,373	12,858	241	275	209	240	28	27	.24	.28	.24	.29	.21	.21
15 to 20	92,033	91,010	72,783	72,803	18,910	17,997	338	370	263	313	70	54	.37	.41	.36	.43	.37	.30
20 to 30	190,217	163,177	122,786	115,746	65,028	46,937	727	873	477	646	228	212	.38	.54	.39	.56	.35	.45
30 to 40	139,282	116,333	80,547	74,032	57,399	41,981	551	585	329	389	205	182	.40	.50	.41	.53	.36	.43
40 to 50	97,381	85,898	53,408	52,016	43,354	33,674	568	514	281	292	265	207	.58	.60	.53	.56	.61	.61
50 to 60	68,020	56,521	37,026	32,813	30,651	23,550	644	493	310	276	308	195	.95	.87	.84	.84	1.00	.83
60 to 70	40,743	33,149	23,640	19,918	16,939	13,139	820	607	449	334	332	250	2.01	1.83	1.90	1.68	1.96	1.90
70 to 80	16,772	13,949	10,801	9,000	5,885	4,899	863	549	552	340	271	181	5.15	3.94	5.11	3.78	4.60	3.69
80 and over	4,034	3,659	2,617	2,377	1,389	1,263	479	376	308	226	145	131	11.87	10.28	11.81	9.51	10.44	10.37
Unknown ages	1,106	350	182	125	272	117	207	162	104	106	43	12	17.81	46.29	37.14	84.80	15.81	10.26

TABLE 66.—*Exhibiting by Number and by Sex, for the State and Counties, the Nativity of Decedents in Michigan returned for the Year 1886.*

State and Counties.	All Nativities, 1886.				Native.				Foreign.				Unknown.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.
State	18,187	9,725	8,402	60	14,079	7,412	6,611	56	3,537	1,989	1,547	1	571	324	244	3
Alcona	19	10	9	....	18	9	9	....	.....	.....	.....	..	1	1	....	..
Alger	7	4	3	....	5	2	3	....	.....	.....	.....	..	2	2	....	..
Allegan	322	160	160	2	274	141	131	2	34	12	22	..	14	7	7	..
Alpena	131	66	65	....	103	50	53	....	25	14	11	..	3	2	1	..
Antrim	56	26	30	....	50	23	27	....	5	2	3	..	1	1	....	..
Arenac	35	18	17	....	28	12	16	....	7	6	1	..	....	....	....	..
Baraga	25	13	12	....	16	8	8	....	6	3	3	..	3	2	1	..
Barry	182	94	88	....	153	76	77	....	26	15	11	..	3	3	....	..
Bay	473	245	228	....	368	188	180	....	97	54	43	..	8	3	5	..
Benzie	46	29	17	....	37	24	13	....	8	5	3	..	1	....	1	..
Berrien	329	185	143	1	265	150	114	1	49	28	21	..	15	7	8	..
Branch	312	163	148	1	276	142	133	1	23	15	8	.	13	6	7	..
Calhoun	396	197	190	9	330	161	161	8	43	28	15	..	23	8	14	1
Cass	151	78	73	....	137	71	66	....	7	3	4	..	7	4	3	..
Charlevoix	62	29	33	....	55	24	31	....	7	5	2	..	....	....	....	..
Cheboygan	85	46	39	....	70	36	34	....	15	10	5	..	....	....	....	..
Chippewa	52	34	18	....	35	24	11	....	13	6	7	..	4	4	....	..
Clare	33	15	18	....	26	10	16	....	6	4	2	..	1	1	....	..
Clinton	199	100	98	1	170	80	89	1	24	16	8	..	5	4	1	..
Crawford	28	12	16	....	27	12	15	....	1	.....	1	..	....	....	....	..
Delta	109	57	49	3	89	43	43	3	20	14	6	..	....	....	....	..
Eaton	335	170	165	....	299	153	146	....	15	9	6	..	21	8	13	..
Emmet	106	47	59	....	97	44	53	....	9	3	6	..	....	....	....	..
Genesee	295	169	124	2	236	132	102	2	53	33	20	..	6	4	2	..
Gladwin	29	14	15	....	26	11	15	....	3	3	.....	..	....	....	....	..
Grand Traverse	82	48	34	....	56	31	25	....	21	15	6	..	5	2	3	..
Gratiot	170	87	83	....	153	79	74	....	16	7	9	..	1	1	....	..
Hillsdale	278	132	146	....	240	114	126	....	23	13	10		15	5	10	..
Houghton	420	234	185	1	311	173	137	1	105	58	47	..	4	3	1	..
Huron	217	120	96	1	130	76	53	1	84	42	42	..	3	2	1	..

TABLE 66.—CONTINUED.—*Deaths, by Counties, by Nativity and by Sex.*

Counties.	All Nativities, 1886.				Native.				Foreign.				Unknown.			
	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.	Total.	Males.	Females.	Unknown.
Ingham	251	129	121	1	219	112	106	1	25	11	14	..	7	6	1	..
Ionia	257	141	116	....	214	118	96	....	27	16	11	..	16	7	9	..
Iosco	104	52	51	1	86	39	46	1	17	12	5	..	1	1	....	..
Iron	10	2	6	2	7	.....	5	2	3	2	1	..	....	....	....	..
Isabella	130	67	62	1	99	49	49	1	22	11	11	..	9	7	2	..
Jackson	358	168	190	....	287	137	150	....	71	31	40	..	....	....	....	..
Kalamazoo	361	212	148	1	297	172	124	1	52	32	20	..	12	8	4	..
Kalkaska	35	20	15	....	29	18	11	....	6	2	4	..	....	....	....	..
Kent	795	423	372	....	611	324	287	....	173	91	82	..	11	8	3	..
Keweenaw	66	38	28	....	54	31	23	....	11	6	5	..	1	1	....	..
Lake	42	24	18	....	30	19	11	....	6	3	3	..	6	2	4	..
Lapeer	230	116	114	....	181	89	92	....	48	26	22	..	1	1	....	..
Leelanaw	85	51	34	....	66	38	28	....	19	13	6	..	....	....	....	..
Lenawee	392	210	179	3	317	164	150	3	67	42	25	..	8	4	4	..
Livingston	149	83	66	....	130	71	59	....	18	11	7	..	1	1	....	..
Mackinac	28	20	8	....	20	14	6	....	5	4	1	..	3	2	1	..
Macomb	290	140	150	....	223	112	111	....	66	27	39	..	1	1	....	..
Manistee	169	100	69	....	146	88	58	....	20	10	10	..	3	2	1	..
Manitou	5	3	2	....	1	1	.....	....	4	2	2	..	....	....	....	..
Marquette	328	186	142	....	237	117	120	....	88	66	22	..	3	3	....	..
Mason	149	72	75	2	117	57	58	2	25	11	14	..	7	4	3	..
Mecosta	154	99	55	....	102	65	37	....	48	32	16	..	4	2	2	..
Menominee	228	142	82	4	164	95	65	4	62	45	17	..	2	2	....	..
Midland	71	39	32	....	65	36	29	....	6	3	3	..	....	....	....	..
Missaukee	23	15	8	....	14	9	5	....	9	6	3	..	....	....	....	..
Monroe	300	153	147	....	249	127	122	....	45	25	20	..	6	1	5	..
Montcalm	205	116	89	....	170	95	75	....	30	16	14	..	5	5	....	..
Montmorency	14	7	7	....	10	5	5	....	4	2	2	..	....	....	....	..
Muskegon	318	192	126	....	254	155	99	....	62	36	26	..	2	1	1	..
Newaygo	114	51	63	....	101	47	54	....	13	4	9	..	....	....	....	..
Oakland	352	175	176	1	281	137	143	1	66	34	32	..	5	4	1	..
Oceana	105	68	37	....	81	49	32	....	22	18	4	..	2	1	1	..
Ogemaw	24	12	12	....	12	5	7	....	11	6	5	..	1	1	....	..
Ontonagon	61	38	22	1	35	19	15	1	25	18	7	..	1	1	....	..
Osceola	127	72	55	....	100	60	40	....	25	10	15	..	2	2	....	..
Oscoda	13	9	4	....	10	6	4	....	.....	.....	.....	..	3	3	....	..

TABLE 67.—*Number of Deaths returned from All Causes, from each Class of Causes, and the Per Cent of Deaths from each Class of Causes to Deaths from all Causes for the Years 1884–1886, and the Average for Ten Years, 1876–1885.*

Causes of Deaths,—Classes.	1884.		1885.		1886.		Average for 10 Years, 1876–1885.	
	Number	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.	Number.	Per Cent of Total.
All causes	18,056	100.00	16,646	100.00	18,187	100.00	15,604	100.00
I.—Zymotic diseases	4,676	25.90	3,623	21.76	4,639	25.51	4,274	27.39
II.—Constitutional diseases	3,095	17.14	2,879	17.30	2,963	16.30	2,612	16.74
III.—Local diseases	5,356	29.66	5,244	31.50	5,570	30.62	4,427	28.37
IV.—Developmental diseases	2,880	15.95	2,985	17.93	2,979	16.38	2,081	13.34
V.—Violent deaths	898	4.97	907	5.45	923	5.07	815	5.22
Unknown and unclassified	1,151	6.38	1,008	6.06	1,113	6.12	1,395	8.94

TABLE 68.—*By Months, the Number of Deaths returned in Michigan from All Causes and from each Class of Causes during the Year 1886.*

Causes of Death,—Classes.	Year, 1886.	Months of Death, 1886.												
		Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
All causes	18,187	1065	1093	1462	1396	1376	1281	1461	1887	1889	1761	1615	1841	60
I.—Zymotic diseases	4,639	267	233	281	238	256	272	390	655	658	514	427	432	16
II.—Constitutional diseases	2,963	174	171	255	264	260	244	236	257	281	276	251	289	5
III.—Local diseases	5,570	327	382	531	500	458	405	382	491	487	505	501	596	5
IV.—Developmental diseases	2,979	188	203	245	247	252	208	268	270	250	249	245	340	14
V.—Violent deaths	923	47	43	69	71	68	85	85	98	74	93	98	90	2
Unknown and unclassified	1,113	62	61	81	76	82	67	100	116	139	124	93	94	18

The number of deaths, returned in Michigan for the twelve years, 1875–1886, and the average, from some of the most destructive diseases in each of the five great classes, may be seen in the tables which follow. An opportunity is here given of studying the different diseases of each class and of comparing the deaths in 1886 with those of former years.

TABLE 69.—*Deaths in Michigan from some of the Prominent Zymotic Diseases during the Twelve Years, 1875–1886.*

Years.	Diseases.						
	Typhoid fever.	Whooping cough.	Croup.	Diphtheria.	Measles.	Scarlet fever.	Small-pox.
1875	433	101	167	207	134	423	26
1876	426	181	178	311	118	399	76
1877	446	131	164	593	62	404	102
1878	329	132	236	887	16	429	6
1879	397	162	278	1,473	167	418	6
1880	513	264	322	1,542	125	370	3
1881	884	142	380	2,063	256	383	82
1882	463	86	349	1,416	150	592	100
1883	439	92	336	1,007	258	673	5
1884	514	160	325	1,065	144	326	3
1885	387	138	337	1,054	38	245	3
1886	498	185	400	1,117	129	319	6
Average	477	148	289	1,061	133	415	35

TABLE 70.—*Deaths in Michigan from some of the Principal Local Diseases, returned for the Twelve Years, 1875–1886.*

Years.	Diseases.					
	Convulsions.	Heart Disease.	Bronchitis.	Pleurisy.	Peritonitis.	Bright's Disease.
1875	164	308	43	14	14	11
1876	185	339	43	19	8	22
1877	298	394	42	14	8	35
1878	288	368	46	16	11	32
1879	275	451	53	20	16	36
1880	348	482	50	26	12	80
1881	337	518	76	19	20	89
1882	356	562	106	16	21	138
1883	344	684	89	20	16	187
1884	436	718	98	18	27	179
1885	452	730	113	16	22	198
1886	431	725	97	20	32	214
Average	326	523	71	18	17	102

TABLE 71.—*Deaths in Michigan from Chief Developmental Diseases, returned for the Twelve Years, 1875–1886.*

Years.	Diseases.					
	Teething.	Still-born, Infantile, Premature	Child-birth.	Abortion.	Puerperal Con-vulsions.	Old Age.
1875	71	701	173	10	5	373
1876	77	716	141	7	6	483
1877	66	785	151	6	5	489
1878	60	858	161	7	3	579
1879	40	787	193	12	5	608
1880	49	808	193	6	2	625
1881	84	761	192	8	.....	725
1882	83	890	199	9	3	647
1883	55	1,034	221	12	4	726
1884	57	1,462	222	6	4	795
1885	49	1,612	217	12	1	773
1886	75	1,542	213	7	2	865
Average	64	996	190	9	3	641

TABLE 72.—*Deaths in Michigan from some of the Prominent Violent Causes, returned for the Twelve Years, 1875–1886.*

Years.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning.	Freezing.	Homicide.	Suicide.	Totals.
1875	70	15	33	108	4	17	52	299
1876	66	19	37	172	4	12	54	364
1877	60	21	42	103	1	14	66	307
1878	66	27	46	117	2	11	63	332
1879	64	15	40	122	5	15	59	320
1880	64	22	40	179	3	7	65	380
1881	175	25	75	125	2	15	57	474
1882	57	22	58	140	3	11	62	353
1883	65	33	109	158	.....	15	91	471
1884	69	16	73	150	1	24	104	437
1885	67	26	76	132	6	28	91	426
1886	58	18	72	144	5	30	82	409
Average	73	22	58	138	3	17	71	381

TABLE 73.—*Deaths in Michigan Returned from Brain Disorders—Twelve Years.*

Years.	Softening of the Brain.	Apoplexy.	Paralysis.	Insanity.	Cephalitis and Unspecified Brain Diseases.	Totals.
1875	29	89	170	8	338	634
1876	30	107	230	13	452	832
1877	29	85	246	17	456	833
1878	25	91	241	11	370	738
1879	25	103	262	7	400	797
1880	27	119	278	8	475	907
1881	23	110	258	10	541	942
1882	36	87	357	8	448	936
1883	22	85	345	22	439	913
1884	40	130	397	17	524	1,108
1885	36	116	400	24	491	1,067
1886	30	158	485	25	492	1,190
Average	29	107	306	14	452	908

DEATHS IN 1886, GROUPED BY PART OF BODY DISEASED.

The percentage of deaths from lung diseases varies but little from year to year, and is always at the head of the column, the per cent in 1886 being .41 of one per cent lower than in 1885 and .12 lower than the ten-year average. Bowels and brain diseases usually fluctuate between second and third places, though throat diseases held second place in 1879, and third in 1880-1-2. From 1875 to 1886 diseases of the bowels have held second place seven years, third place three years and fourth place twice. Diseases of the brain held second place in 1878, 1882-3-5; third place in 1875-6-7-9, 1884-6; fourth place in 1880-1. Since 1879 the heart, kidney and liver diseases have held their places at the last, in that order.

TABLE 74.—*Order of Seven Groups of Causes of Deaths returned for the Years 1884 to 1886, inclusive, and the Average for Ten Years, 1876-1885.*

1884.			1885.			1886.			Average for 10 Years, 1876-1885.		
Disease of	Number.	Per cent to all causes.	Disease of	Number.	Per cent to all causes.	Disease of	Number.	Per cent to all causes.	Disease of	Number.	Per cent to all causes.
All causes.	18,056	100.00	All causes	16,646	100.00	All causes	18,187	100.00	All causes	15,604	100.00
Lungs	3,620	20.05	Lungs	3,360.	20.19	Lungs	3,598	19.78	Lungs	3,105	19.90
Bowels	2,453	13.59	Brain	2,058	12.36	Bowels	2,215	12.18	Bowels	1,858	11.91
Brain	2,137	11.84	Bowels	1,580	9.49	Brain	2,201	12.10	Brain	1,770	11.34
Throat	1,435	7.89	Throat	1,424	8.56	Throat	1,566	8 61	Throat	1,473	9.44
Heart	822	4.55	Heart	833	5.00	Heart	825	4.54	Heart	617	3.96
Kidneys	347	1.92	Kidneys	411	2.47	Kidneys	429	2.36	Kidneys	269	1.72
Liver	154	.85	Liver	150	.90	Liver	122	.67	Liver	138	.88
7 Groups	10,968	60.69	7 Groups	9,816	58.97	7 Groups	10,956	60.24	7 Groups	9,230	59.15

TABLE 75.—*Eleven Geographical Divisions of the State, formed for the purpose of facilitating the study of Causes of Death, with a list of Counties included in each Division.*

Upper Peninsular.	Northwestern.	Northern.	Northeastern.	Western.	Northern Central.	Eastern.	Central.	South-western.	Southern Central.	South-eastern.
Alger.	Benzie.	Antrim.	Alcona.	Kent.	Clare.	Arenac.	Barry.	Allegan.	Branch.	Macomb.
Baraga.	Gr. Traverse.[i]	Charlevoix.	Alpena.	Lake.	Gladwin.	Bay.	Clinton.	Berrien.	Calhoun.	Monroe.
Chippewa.[a]	Leelanaw.	Cheboygan.[g]	Iosco.	Mason.	Isabella.	Huron.	Eaton.	Cass.	Hillsdale.	Oakland.
Delta.[b]	Manistee.	Crawford.[h]	Montmorency.	Muskegon.	Mecosta.	Lapeer.	Genesee.	Van Buren.	Jackson.	Wayne.
Houghton.	Manitou.	Emmet.	Ogemaw.	Newaygo.	Midland.	Saginaw.	Gratiot.		Kalamazoo.	
Iron.	Wexford.[f]	Kalkaska.	Oscoda.	Oceana.	Missaukee.	Sanilac.	Ingham.		Lenawee.	
Isle Royal.[c]		Otsego.	Presque Isle.	Ottawa.	Osceola.	St. Clair.	Ionia.		St. Joseph.	
Keweenaw.					Roscommon.[j]	Tuscola.	Livingston.		Washtenaw.	
Mackinac.[d]							Montcalm.			
Marquette.[e]							Shiawassee.			
Menominee.										
Ontonagon.										
Schoolcraft.										

No returns of deaths from the following townships:
[a] Detour, Drummond and Sugar Island.
[b] Masonville.
[c] All townships.
[d] Moran.
[e] Richmond.
[f] Henderson and South Branch.
[g] Nunda.
[h] Centre Plains, Maple Forest, and South Branch.
[i] East Bay.
Higgins.

DEATHS, 1886, BY CLASSES OF CAUSES, BY DIVISIONS OF THE STATE.

In order to bring the upper division of the Lower Peninsular into a more compact shape, changes have been made in the boundaries of the Northwestern, Western and Northern Central divisions by detaching Missaukee from the first and Osceola from the second and attaching them to the Northern Central.

In proportion of deaths to population the Southeastern division still leads; although .05 per cent lower than last year it is yet .47 per cent higher than for the State at large. The Upper Peninsular follows next this year with .30 per cent more than in 1885. The Central takes the lowest place, which was held by the Northern in 1885, the ratio being about the same, .75 this year to .76 in 1885.

Table 77 enables the reader to see the diseases of which each of the five great classes is composed and gives the number of deaths from each cause for each county in the State.

Table 78 gives the specified causes arranged alphabetically, with the deaths by sex for the years 1881-1886, those for 1886 being arranged bv months and periods of age.

TABLE 76.—*Exhibiting, by Geographical Divisions, the Number of Deaths, the Per Cent of Deaths in 1886 to Population in 1884, the Per Cent of Deaths for each Division to Total Deaths for the State, and the Per Cent of Deaths from each Class of Causes to Deaths from all Causes.*

State and Geographical Divisions.	Population June 1, 1884, represented by deaths in 1886.	Deaths Reported, 1886.		Per cent of all deaths in 1886, to population in 1884.	Per Cent of Deaths from each Class of Causes to Deaths from all Causes, by Geographical Divisions.					
		Number.	Per cent of total.		Class I.—Zymotic diseases.	Class II.—Constitutional diseases.	Class III.—Local diseases.	Class IV.—Developmental diseases.	Class V.—Violent deaths.	Unknown and Unclassified.
State	1,848,064	18,187	100.00	.98	25.51	16.29	30.63	16.38	5.07	6.12
Upper Peninsular	114,064	1,355	7.45	1.19	30.11	8.41	23.39	18.01	10.26	9.82
Northwestern	54,009	470	2.58	.87	24.26	15.32	28.30	19.57	5.53	7.02
Northern	45,734	396	2.18	.87	25.00	16.92	27.78	18.43	4.80	7.07
Northeastern	37,233	355	1.95	.95	27.32	7.89	23.38	19.44	5.63	16.34
Western	212,654	1,882	10.35	.89	26.30	15.41	29.06	18.76	4.09	6.38
Northern Central	71,596	574	3.16	.80	32.58	11.33	27.70	12.89	8.36	7.14
Eastern	291,713	2,888	15.88	.99	24.90	13.92	30.23	17.24	5.16	8.55
Central	299,364	2,259	12.42	.75	20.18	19.26	35.59	15.67	4.34	4.96
Southwestern	127,985	1,081	5.94	.84	22.20	20.82	32.19	14.89	4.35	5.55
Southern Central	299,000	2,661	14.63	.89	20.3	20.78	34.27	15.26	4.62	4.74
Southeastern	294,712	4,266	23.46	1.45	30.08	16.69	30.10	15.35	4.15	3.63

TABLE 77.—CAUSES OF DEATH,—NOSOLOGICAL ARRANGEMENT.

Exhibiting the Number of Reported Deaths in Michigan, and in each County of the State during the Year 1886, from Specified Causes Statistically Classified. (Still-births Included.)

Causes of Death, 1886.	State.	Counties, 1886.																									
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
All causes	18,187	19	7	322	131	56	35	25	182	473	46	329	312	396	151	62	85	52	33	199	28	109	335	106	295	29	82
Specified causes	17,144	18	7	304	108	49	33	23	176	442	44	310	303	386	143	62	83	46	32	191	23	103	312	95	286	29	81
Causes not specified	1,043	1	....	18	23	7	2	2	6	31	2	19	9	10	8	....	2	6	1	8	5	6	23	11	9	....	1
CLASSES.																											
I.—Zymotic Diseases	4,639	4	5	75	41	15	12	9	41	133	7	65	77	78	43	14	25	8	9	36	10	34	72	20	42	16	16
II.—Constitutional Diseases	2,963	4	....	63	7	8	5	6	31	58	6	70	73	75	28	14	17	11	4	38	5	6	68	16	50	2	15
III.—Local Diseases	5,570	3	....	98	29	14	9	3	69	119	10	119	102	147	49	21	18	13	10	75	2	27	109	38	130	4	40
IV.—Developmental Diseases	2,979	7	2	55	24	10	4	2	28	104	13	42	34	65	16	8	17	9	5	30	5	29	51	18	46	4	7
V.—Violent Deaths	923	....	....	10	7	2	3	3	7	25	8	14	16	21	6	5	6	4	4	10	1	6	12	3	16	3	3
Unclassified	70	....	....	3	....	....	....	....	....	3	....	....	1	....	1	....	....	1	....	2	....	1	....	....	2	....	....
ORDERS.																											
I.—1. Miasmatic Diseases	4,590	4	4	75	41	15	12	9	40	132	7	62	77	76	43	13	25	8	9	36	10	34	71	20	42	16	16
2. Enthetic Diseases	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Dietic Diseases	27	....	1	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....
4. Parasitic Diseases	12	....	....	....	....	....	....	....	1	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
II.—1. Diathetic Diseases	773	1	....	17	....	3	....	....	9	16	....	14	26	28	4	3	3	3	2	13	....	....	18	5	12	1	2
2. Tubercular Diseases	2,190	3	....	46	7	5	5	6	22	42	6	56	47	47	24	11	14	8	2	25	5	6	50	11	38	1	13

III.—1. Diseases of Nervous System	2,087			44	9	3	4	1	23	43	4	51	33	49	14	10	4	5	2	25	2	9	37	18	43	2	15
2. Diseases of Organs of Circulation	810			10	4	2	1		13	19	2	20	24	18	9	6	3	2	1	14		5	14	3	17		3
3. Diseases of Respiratory Organs	1,293	2		26	10	2	1	1	15	29	2	17	18	40	15	1	8	4	4	14		6	27	10	31	1	10
4. Diseases of Digestive Organs	781			10	5	6	1	1	5	18	2	17	7	16	7	3	3	1	2	12		4	21	3	20	1	7
5. Diseases of Urinary Organs	431			5		1	1		11	6		11	17	21	3	1			1	9		3	8	2	11		2
6. Diseases of Generative Organs	24			1									1										1		1		
7. Diseases of Organs of Locomotion	7																			1							
8. Diseases of Integumentary System	137	1		2	1		1		2	4		3	2	3	1			1					1	2	7		3
IV.—1. Developmental Dis. of Children	1,635	5	1	27	15	5	3		12	60	6	20	11	23	7	5	9	7	3	15	4	26	17	10	21	3	2
2. Developmental Dis. of Women	241	1		3	2			1	5	11	1	3	1	7	2	1	3	1	2		1	3	4	2	3		2
3. Developmental Dis. of Old People	865	1	1	19	2	2	1	1	10	16	5	19	15	34	4	2	3			14			28	5	19	1	3
4. Diseases of Nutrition	238			6	5	3			1	17	1		7	1	3		2	1		1			2	1	3		
V.—1. Accident or Negligence	461			6	4	2	3	3	2	16	4	8	8	8	4	4	4	3	1	2	1	3	5	1	8	2	
2. Battle																											
3. Homicide	30											1		1		1		1					1			1	
4. Suicide	82			1					1	2		1	1	7	1					2		1	5		1		
5. Execution																											
6. Violent Deaths	350			3	3				4	7	4	4	7	5	1		2		3	6		2	1	2	7		3
CLASS I.—ZYMOTIC	4,639	4	5	75	41	15	12	9	41	133	7	65	77	78	43	14	25	8	9	36	10	34	72	20	42	16	16
I.—ORDER 1. Miasmatic	4,590	4	4	75	41	15	12	9	40	132	7	62	77	76	43	13	25	8	9	36	10	34	71	20	42	16	16
1. Small-pox	7									1																	
2. Measles	129				2		1			1		1			2							5					
3. Scarlatina	319			1	13	1				5		1	1	4	1		2				7	1	8		1		2
4. Diphtheria	1,117		3	11	2	6	5		8	14		11	34	13	4			3				5	21	1	9	3	
5. Quinsy	20					1							1	1			1										
6. Croup	400			9	8	1		1		27	1	7	3	3	3	2		1	1				2	2	2		1

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death—1886.	State.	Counties, 1886.																										
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
7. Whooping-cough	185	..	...	6	1	....	...	....	5	2	....	2	1	4	....	...	2	....	1	....	....	1	9	....	4	1	2
8. Typhoid Fever	501	..	...	10	2	2	2	1	4	4	1	21	10	11	10	4	2	1	3	14	....	6	6	....	3	1	3
8. Typhus Fever	2	...	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Typho-Malarial Fever	25	..	....	1	...	...	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	4
9. Erysipelas	188	..	1	3	1	1	..	....	3	2	....	4	5	5	2	....	....	....	....	5	....	....	2	2	6	....	1
10. Puerperal Fever	25	..	....	1	...	....	1	....	....	1	....	2	....	1	....	....	....	....	....	1	....	....	....	2	1	...	....
11. Carbuncle	4	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Influenza	9	..	....	....	1	....	....	....	1	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Dysentery	158	..	....	6	1	....	....	...	2	1	1	1	....	2	....	....	1	2	1	....	3	6	4	2	3	1	....
14. Diarrhea	378	..	....	4	....	1	...	....	2	23	2	1	....	4	....	2	9	1	....	....	....	2	1	2	....	....	....
15. Cholera Infantum	653	3	....	13	4	1	2	3	6	32	....	8	12	18	9	4	7	....	1	10	....	7	11	3	7	5	2
16. Cholera Morbus	42	..	....	2	5	....	....	....	....	4	....	....	....	....	1	....	....	....	1	1	....	....	1	...	....	....	....
16. Cholera	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Ague	167	..	....	2	....	....	1	....	4	6	....	....	3	6	4	....	....	....	1	4	....	....	2	3	....	4	....
18. Remittent Fever	115	..	....	....	....	....	....	4	2	4	2	1	1	....	4	....	1	....	....	1	....	1	1	2	....	1	1
19. Rheumatism	146	1	....	6	1	1	....	....	3	4	....	2	3	1	3	1	....	....	....	....	....	....	3	1	6	....	....
20. Leprosy	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I.—ORDER 2. Enthetic	10	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1. Syphilis	9	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture of Urethra	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Hydrophobia																										
4. Glanders																										
I.—ORDER 3. Dietic	27		1								2				1							1				
1. Privation																										
2. Purpura																										
2. Rachitis	2														1											
2. Scurvy																										
3 Delirium Tremens (Alcoholism)	3																									
4. Intemperance	20		1								2											1				
5. Opium Eating	2																									
I.—ORDER 4. Parasitic	12								1	1	1		2													
1. Thrush	5												2													
2. Worms	7								1	1	1															
3. Disease of Scalp																										
CLASS II.—CONSTITUTIONAL	2,963	4	63	7	8	5	6	31	58	70	73	75	28	14	17	11	4	38	5	6	68	16	50	2	15
II.—ORDER 1. Diathetic	773	1	17		3			9	16	14	26	28	4	3	3	3	2	13			18	5	12	1	2
1. Gout																										
2. Anæmia	3											1														
2. Dropsy	333		9		1			6	5	7	13	6	1	1	2	1	2	5			7	2	3		
3. Cancer	391	1	8					3	8	7	12	20	3	2		2		6			9	3	9	1	1
4. Noma (Canker)	25				2				3									1			2				1
5. Mortification	21										1	1						1							
II.—ORDER 2. Tubercular	2,190	3	46	7	5	5	6	22	42	6 56	47	47	24		14	8	2	25	5	6	50	11	38	1	13
1. Scrofula	25					1	1	1			1	1													
2. Consumption of Bowels	21										1	2						2			1				

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death—1886.	State.	Counties, 1886.																									
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
3. Phthisis (Consumption of Lungs)	2,081	3	....	46	7	5	4	5	21	41	6	54	45	43	24	11	14	8	2	23	5	6	49	11	38	1	13
4. Hydrocephalus	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Marasmus	57	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
CLASS III.—LOCAL DISEASES	5,570	3	....	98	29	14	9	3	69	119	10	119	102	147	49	21	18	13	10	75	2	27	109	38	130	4	40
III.—ORDER 1. Nervous System	2,087	....	....	44	9	3	4	1	23	43	4	51	33	49	14	10	4	5	2	25	2	9	37	18	43	2	15
1. Cephalitis	332	....	....	10	1	1	....	....	3	12	....	5	3	4	2	....	1	1	....	1	2	4	3	6	2	....	....
2. Apoplexy	158	....	....	5	....	....	1	....	2	....	....	7	4	6	1	1	....	1	....	2	....	....	1	....	1	....	3
3. Paralysis	503	....	....	13	2	....	....	....	8	5	1	16	14	18	10	3	1	....	....	8	....	....	15	3	17	....	10
4. Insanity	27	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1
5. Chorea	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Epilepsy	49	....	....	....	....	1	....	....	1	....	....	....	5	1	....	1	1	....	....	....	....	....	1	....	2	1	....
7. Tetanus	3	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Convulsions	431	....	....	5	2	1	1	....	2	10	....	5	1	4	1	3	....	2	1	4	....	2	4	7	1	....	....
9. Brain Disease	361	....	....	5	4	....	....	....	2	11	....	15	4	7	....	1	....	1	....	6	....	....	8	....	14	....	1
9. Dropsy of Brain	34	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
10. Spinal Fever	77	....	....	3	....	....	....	....	3	1	1	1	1	....	....	1	1	....	....	2	....	....	2	....	2	1	....
11. Spotted Fever	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Meningitis	28	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	3	....	....	....	....	....
13. Meningitis, Cerebro-spinal	7	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14. Meningitis, Spinal	70	....	....	2	....	....	2	....	1	4	....	....	....	8	....	....	....	....	....	2	....	....	2	2	2	....	....

15. Neuralgia	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16. Spine Disease	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17. Spine, Inflammation of	2	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18. Frightened	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
III.—Order 2. Organs of Circulation	810	----	----	10	4	2	1	----	13	19	2	20	24	18	9	6	3	2	1	14	----	5	14	3	17	----	3
1. Pericarditis	67	----	----	1	----	1	----	----	2	2	----	3	----	2	----	2	1	----	----	1	----	----	----	----	2	----	1
2. Aneurism	16	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
3. Heart Disease	727	----	----	9	4	1	1	----	11	16	2	17	24	16	8	4	2	2	1	13	----	5	14	3	15	----	2
4. Emboli	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
III.—Order 3. Respiratory Organs	1,293	2	----	26	10	2	1	1	15	29	2	17	18	40	15	1	8	4	4	14	----	6	27	10	31	1	10
1. Epistaxis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Laryngitis	5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----
3. Bronchitis	99	----	----	1	1	----	----	1	1	2	----	----	1	----	1	----	1	----	----	----	----	2	3	1	----	----	2
4. Pleurisy	21	----	----	----	2	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5. Pneumonia	855	----	----	19	5	2	----	----	12	20	2	9	13	29	12	1	6	2	3	11	----	4	19	5	26	1	3
6. Asthma	66	----	----	1	----	----	----	----	----	----	----	3	1	----	1	----	----	----	----	----	----	----	1	----	4	----	1
7. Lung Disease	232	2	----	5	2	----	1	----	2	7	----	3	3	11	1	----	1	----	1	3	----	----	3	3	1	----	2
8. Catarrh	16	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	----	1	----	----	----	2
III.—Order 4. Digestive Organs	781	----	----	10	5	6	1	1	5	18	2	17	7	16	7	3	3	1	2	12	----	4	21	3	20	1	7
1. Gastritis	60	----	----	----	1	----	----	----	1	----	----	1	1	2	1	----	----	----	----	----	----	----	3	----	3	----	----
2. Enteritis	329	----	----	4	3	5	----	----	----	8	----	2	3	5	1	2	2	----	2	6	----	3	7	1	11	----	3
3. Peritonitis	32	----	----	1	----	1	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	1	----	1	----	1
4. Ascitis	5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	----	----
5. Ulceration of Intestines	6	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----
6. Hernia	32	----	----	----	----	----	----	1	2	1	----	2	----	----	----	1	----	1	----	----	----	----	----	----	----	----	1
7. Obstruction of Bowels	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death—1886.	State.	Counties, 1886.																									
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
8. Intussusception	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9. Stricture of Intestines	7	----	----	----		----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----
10. Fistula	3	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
11. Stomach Diseases	102	----	----	1		----	----	----	2	3	----	4	2	1	1	----	----	----	----	2	----	1	2	----	1	----	2
12. Pancreas Diseases	1	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13. Hepatitis	8	----	----	----		----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
14. Biliary Calculus	----	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14. Jaundice	22	----	----	----			----	----	----	----	1	1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----
15. Liver Disease	92	----	----	3			----	----	----	5	1	2	----	2	1	----	----	----	----	2	----	----	3	1	1	----	----
16. Spleen Disease	8	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----
17. Bowel Diseases, etc.	66	----	----	1			1	----	----	----	----	5	----	2	1	----	1	----	----	----	----	----	4	----	2	----	----
18. Mouth Disease	6	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
III.—ORDER 5. Urinary Organs	431	----	----	5		1	1	----	11	6	----	11	17	21	3	1	----	----		9		3	8	2	11	----	2
1. Nephritis	30	----	----	1		----	1	----	----	1	----	1	----	----	----	----	----	----	----	----		1	1	----	----	----	----
2. Ischuria	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----
3. Bright's Disease of Kidneys	214	----	----	1		1	----	----	6	1	----	3	5	10	3	1	----	----	----	7		----	4	1	6	----	1
4. Diabetes	68	----	----	1	----	----	----	----	2	2	----	4	5	5	----	----	----	----	----	1		----	1	1	1	----	----
5. Calculus (Gravel, etc.)	12	----	----	----	----	----	----	----	----	1	----	1	----	1	----	----	----	----	----	----		----	----		----	----	----
6. Cystitis	23	----	----	2	----	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----		2	1	----	----	----	----
7. Kidney Disease	84	----	----	----	----	----	----		3	1	----	1	6	5	----	----				1		----	1		4	----	1

III.—ORDER 6. Generative Organs	24	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....
1. Ovarian Disease	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1. Ovarian Tumor	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Disease of Uterus	22	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....
3. Hydrocele	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
III.—ORDER 7. Organs of Locomotion	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
1. Arthritis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Joint Diseases	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
III.—ORDER 8. Integumentary System	137	1	....	2	1	....	1	....	2	4	....	3	2	3	1	....	....	1	....	....	....	....	1	2	7	....	3
1. Phlegmon	57	....	....	1	1	....	1	....	1	3	....	1	....	1	....	....	....	....	....	....	....	....	....	2	5	....	3
2. Ulcers	10	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Skin Disease	70	1	....	....	....	....	....	....	1	1	....	1	1	2	1	....	....	1	....	....	....	....	1	....	2	....	....
CLASS IV.—DEVELOPMENTAL DISEASES	2,979	7	2	55	24	10	4	2	28	104	13	42	34	65	16	8	17	9	5	30	5	29	51	18	46	4	7
IV.—ORDER 1. Dev. Dis. of Children	1,635	5	1	27	15	5	3	....	12	60	6	20	11	23	7	5	9	7	3	15	4	26	17	10	21	3	2
1. Still-born	909	4	1	12	6	....	....	....	3	27	2	10	7	17	2	3	4	2	2	12	1	17	11	6	8	3	1
2. Infantile	595	1	....	10	6	4	3	....	7	28	4	9	3	5	4	1	4	4	1	3	3	9	6	4	13	....	....
2. Premature Birth	38	....	....	5	....	....	....	....	....	1	....	1	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....
3. Cyanosis	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Spina Bifida	4	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
5. Other Malformations	8	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Teething	75	....	....	....	3	1	....	....	....	4	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
7. Injury at Birth	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
IV.—ORDER 2. Dev. Dis. of Women	241	1	....	3	2	....	....	1	5	11	1	3	1	7	2	1	3	1	2	....	1	3	4	2	3	....	2
1. Dysmenorrhea	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1. Turn of Life	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	State.	Counties, 1886.																									
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
2. Child-birth	221	1	....	3	2	....	....	....	5	11	1	3	1	7	2	1	3	1	2	....	1	3	3	2	3	....	2
2. Abortion	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
2. Uterine Hemorrhage	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IV.—ORDER 3. Dev. Dis. of Old People	865	1	1	19	2	2	1	1	10	16	5	19	15	34	4	2	3	....	....	14	....	....	28	5	19	1	3
1. Old Age	865	1	1	19	2	2	1	1	10	16	5	19	15	34	4	2	3	....	....	14	....	....	28	5	19	1	3
IV.—ORDER 4. Diseases of Nutrition	238	....	....	6	5	3	....	....	1	17	1	....	7	1	3	....	2	1	....	1	....	....	2	1	3	....	....
1. Atrophy and Debility	238	....	....	6	5	3	....	....	1	17	1	....	7	1	3	....	2	1	....	1	....	....	2	1	3	....	....
CLASS V.—VIOLENT DEATHS	923	....	....	10	7	2	3	3	7	25	8	14	16	21	6	5	6	4	4	10	1	6	12	3	16	3	3
V.—ORDER 1. Accident or Negligence	461	....	....	6	4	2	3	3	2	16	4	8	8	8	4	4	4	3	1	2	1	3	5	1	8	2	....
1. Fractures and Contusions	96	....	....	1	....	....	1	....	1	4	1	1	1	3	....	....	1	....	....	....	1	....	2	....	....	....	....
2. Wounds	24	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....
3. Burns and Scalds	58	....	....	....	....	....	....	1	....	2	....	....	3	....	....	1	....	....	....	1	....	....	1	....	....	....	....
4. Poison	26	....	....	....	1	1	....	....	1	1	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....
5. Drowning	144	....	....	1	3	....	....	....	....	6	3	6	1	4	1	1	1	3	....	1	....	2	1	1	5	1	....
6. Suffocation	26	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	2	....	....
7. Otherwise	87	....	....	4	....	1	2	1	....	2	....	1	2	1	1	....	2	....	....	....	....	1	....	....	1	....	....
V.—ORDER 2. In Battle	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V.—ORDER 3. Homicide	30	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	....	....	....	1	....	....	1	....
1. Murder	30	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	....	....	....	1	....	....	1	....

V.—ORDER 4. Suicide	82			1					1	2		1	1	7	1					2		1	5		1		
1. Wounds	11			1						1				1									1				
2. Poison	9								1					1						1		1					
3. Drowning	4																						1				
4. Hanging	8													1													
5. Otherwise and not Specfied	50									1		1	1	4	1					1			3		1		
V.—ORDER 5. Execution																											
1. Hanging																											
V.—ORDER 6. Violent Deaths not included above	350			3	3				4	7	4	4	7	5	1		2		3	6		2	1	2	7		3
UNCLASSIFIED	70			3						3			1		1			1		2		1			2		
1. Head Disease	5									1																	
2. Hemorrhage	20									1			1		1										2		
3. Inflammation	39									1								1		2		1					
4. Otherwise	6			3																							
Causes not Specified	1,043	1		18	23	7	2	2	6	31	2	19	9	10	8		2	6	1	8	5	6	23	11	9		1

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
All causes	170	278	420	217	251	257	104	10	130	358	361	35	795	66	42	230	85	392	149	28	290	169	5	328	149	154	228	71
Specified causes	160	253	394	206	237	247	98	10	119	349	341	33	752	62	39	212	79	364	144	24	283	153	3	294	136	144	188	63
Causes not specified	10	25	26	11	14	10	6	....	11	9	20	2	43	4	3	18	6	28	5	4	7	16	2	34	13	10	40	8
CLASSES.																												
I.—Zymotic Diseases	36	59	126	44	58	49	29	4	39	74	84	5	182	20	16	38	23	68	23	11	58	56	....	123	51	49	49	22
II.—Constitutional Diseases	27	55	29	33	44	66	5	....	11	71	68	4	152	8	1	39	19	118	30	3	65	20	....	27	14	19	18	11
III.—Local Diseases	61	103	133	68	84	88	38	2	38	134	118	12	247	14	10	86	19	109	58	3	99	34	2	65	30	45	35	16
IV.—Developmental Diseases	27	30	70	54	37	34	21	2	23	47	54	11	133	15	10	40	14	51	27	4	44	34	1	46	28	16	52	11
V.—Violent Deaths	9	6	34	5	14	10	5	2	8	22	16	1	33	5	2	9	4	17	6	3	16	8	....	33	11	14	32	3
Unclassified	....	....	2	2	....	....	....	....	....	1	1	....	5	....	....	....	....	1	....	....	1	1	....	....	2	1	2	....
ORDERS.																												
I.—1. Miasmatic Diseases	36	58	126	43	58	49	29	4	39	74	84	5	181	20	16	36	23	65	23	1	57	55	....	121	50	49	49	22
2. Enthetic Diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
3. Dietic Diseases	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	....	....	....	....
4. Parasitic Diseases	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	....	1	....	....	....	1	....	....	....
II.—1. Diathetic Diseases	7	19	4	11	12	22	....	....	3	21	12	....	37	....	1	9	6	47	7	....	21	3	....	3	3	8	3	2
2. Tubercular Diseases	20	36	25	22	32	44	5	....	8	50	56	4	115	8	....	30	13	71	23	3	44	17	....	24	11	11	15	9

III.—1. Diseases of Nervous System	18	45	45	25	36	36	21	....	12	37	43	6	84	3	2	27	4	41	20	....	41	17	1	21	14	19	13	5
2. Diseases of Organs of Circulation	11	20	7	8	17	14	6	....	4	21	19	1	37	....	2	18	1	16	10	1	23	1	...	8	3	3	3	3
3. Diseases of Respiratory Organs	23	14	42	13	12	14	8	1	9	37	24	1	66	5	2	19	5	20	11	1	17	8	1	21	6	11	6	3
4. Diseases of Digestive Organs	6	11	27	14	11	15	1	1	6	22	18	3	32	6	3	15	7	15	9	1	8	6	....	10	4	6	8	2
5. Diseases of Urinary Organs	2	11	9	5	4	8	2	...	5	12	8	1	24	....	1	5	....	15	7	....	6	1	....	....	2	2	4	2
6. Diseases of Generative Organs	....	....	....	....	2	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	..
7. Diseases of Organs of Locomotion	....	....	....	....	..	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..
8. Diseases of Integumentary System	1	2	3	3	2	....	....	....	2	4	6	....	2	....	....	2	2	2	1	....	4	1	....	4	1	3	....	1
IV.—1. Developmental Dis. of Children	21	11	36	37	18	15	14	2	16	19	21	6	68	14	3	20	6	13	13	1	19	29	....	42	16	11	37	7
2. Developmental Dis. of Women	1	2	7	7	..	4	2	...	1	3	3	2	12	....	1	2	....	1	3	1	6	2	....	2	2	3	2	3
3. Developmental Dis. of Old People	5	17	14	10	16	15	3	..	5	24	19	1	48	1	5	13	6	34	11	2	17	2	1	....	9	2	6	1
4. Diseases of Nutrition	....	....	13	...	3	....	2	....	1	1	11	2	5	....	1	5	2	3	...	....	2	1	....	2	1	....	7	..
V.—1. Accident or Negligence	7	....	21	2	3	7	3	...	5	10	12	1	9	3	2	3	3	6	4	3	10	3	....	....	9	7	10	2
2. Battle	....	....	....	..	...	..	...	....	...	..	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
3. Homicide	....	....	....	....	1	..	....	...	1	...	1	....	2	...	....	....	....	....	....	....	....	....	....	....	....	2	....	..
4. Suicide	....	1	....	....	5	1	...	....	1	3	1	..	4	1	....	1	....	2	....	....	1	....	....	....	....	....	2	..
5. Execution	...	....	...	...	....	...	....	....	....	...	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
6. Violent Deaths	2	5	13	3	5	2	2	2	1	9	2	...	18	1	..	5	1	9	2	....	5	5	....	33	2	5	20	1
CLASS I.—ZYMOTIC	36	59	126	44	58	49	29	4	39	74	84	5	182	20	16	38	23	68	23	11	58	56	....	123	51	49	49	22
I.—ORDER 1. Miasmatic	36	58	126	43	58	49	29	4	39	74	84	5	181	20	16	36	23	65	23	11	57	55	....	121	50	49	49	22
1. Small-pox	....	..	....	....	....	....	...	....	...	..	....	....	....	....	....	..	....	...	....	....	..	....	....	....	....	....	....	..
2. Measles	1	....	2	....	...	....	....	....	....	....	1	...	23	....	.	....	....	.. .	...	....	....	6	....	2	2	....	5	..
3. Scarlatina	2	....	8	....	1	....	....	....	....	1	2	....	3	2	1	....	5	13	...	2	3	2	....	6	1	....	1	2
4. Diphtheria	....	19	6	13	13	11	15	....	17	22	33	1	9	2	2	7	3	1	3	2	20	4	....	81	13	17	2	8
5. Quinsy	....	1	1	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	..
6. Croup	2	4	11	4	3	2	4	1	1	5	5	....	7	2	2	2	3	2	....	1	2	1	....	4	10	3	3	4

TABLE 77.—CONTINUED —*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
7. Whooping-cough	....	6	3	....	6	7	1	....	6	8	1	....	7	7	....	4	1	5	4	2	2	6	....	4	....	1	3	1
8. Typhoid Fever	6	4	7	7	12	5	1	1	3	16	9	....	26	....	....	8	1	16	5	....	6	4	....	4	4	18	5	1
8. Typhus Fever	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Typho-Malarial Fever	1	....	....	....	....	3	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	....
9. Erysipelas	3	7	2	1	5	6	....	....	1	4	7	....	13	....	2	....	....	1	1	1	2	....	....	1	....	....	....	....
10. Puerperal Fever	....	....	....	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11. Carbuncle	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Influenza	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....
13. Dysentery	....	5	9	1	1	1	....	....	....	....	6	2	7	....	2	3	2	....	3	....	4	4	....	3	....	....	4	1
14. Diarrhea	....	....	44	8	5	3	2	....	2	....	1	....	15	....	1	1	2	....	....	....	6	8	....	4	1	2	14	1
15. Cholera Infantum	16	3	25	3	5	5	2	2	6	12	9	1	49	7	3	4	3	15	4	2	6	14	....	8	13	1	4	2
16. Cholera Morbus	1	1	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	3	1	....	1	1	....	1	....	....	3	....
16. Cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Ague	1	3	....	1	....	....	2	....	1	2	5	1	6	....	....	2	1	1	....	....	2	2	....	....	1	1	1	2
18. Remittent Fever	1	2	4	....	2	2	....	....	....	2	1	....	6	....	3	3	1	1	....	....	1	1	....	2	3	6	4	....
19. Rheumatism	2	1	3	3	3	2	....	....	1	1	4	....	7	....	....	1	1	5	1	1	2	1	....	1	....	....	....	....
20. Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I.—ORDER 2. Enthetic	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
1. Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture of Urethra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....

3. Hydrophobia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Glanders	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I.—Order 3. Dietic	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	....	....	....	....
1. Privation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Purpura	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Rachitis	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Scurvy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Delirium Tremens (Alcoholism)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
4. Intemperance	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....
5. Opium Eating	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
I.—Order 4. Parasitic	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	....	1	....	....	....	1	....	....	....
1. Thrush	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....
2. Worms	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....
3. Disease of Scalp	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Class II.—Constitutional	27	55	29	33	44	66	5	....	11	71	68	4	152	8	1	39	19	118	30	3	65	20	....	27	14	19	18	11
II.—Order 1. Diathetic	7	19	4	11	12	22	....	....	3	21	12	....	37	....	1	9	6	47	7	....	21	3	....	3	3	8	3	2
1. Gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Anæmia	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Dropsy	4	7	2	4	7	10	....	....	2	8	5	....	19	....	1	2	4	24	3	....	11	3	....	2	2	4	2	2
3. Cancer	3	12	2	5	3	10	....	....	....	12	6	....	15	....	....	7	2	21	4	....	10	....	....	1	1	2	1	..
4. Noma (Canker)	....	....	....	2	....	2	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	..
5. Mortification	....	....	....	....	2	....	....	....	....	1	1	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	..
II.—Order 2. Tubercular	20	36	25	22	32	44	5	....	8	50	56	4	115	8	....	30	13	71	23	3	44	17	....	24	11	11	15	9
1. Scrofula	1	....	....	....	2	....	....	....	....	....	1	....	3	....	....	1	....	....	....	....	1	....	....	....	....	....	....	..
2. Consumption of Bowels	....	....	....	....	....	2	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
3. Phthisis (Consumption of Lungs)	19	36	25	22	30	42	5		8	50	54	4	109	2		29	13	71	23	3	43	17		23	11	11	15	9
4. Hydrocephalus													1	5														
5. Marasmus													1	1										1				
CLASS III.—LOCAL DISEASES	61	103	133	68	84	88	38	2	38	134	118	12	247	14	10	86	19	109	58	3	99	34	2	65	30	45	35	16
III.—ORDER 1. Nervous System	18	45	45	25	36	36	21		12	37	43	6	84	3	2	27	4	41	20		41	17	1	21	14	19	13	5
1. Cephalitis	3	3	19	1	6	2	9		2	3	3		17	1		2		6	3		7	5		3	1	3	4	
2. Apoplexy	2	1	1	3	1	5				5	4		10			2		5	4		2				2		1	
3. Paralysis	4	22	2	5	10	12			3	13	19	2	18			7	1	13	10		10		1	1	2	6	1	
4. Insanity			1							1		1													1			
5. Chorea																												
6. Epilepsy	1				1				1	1	2		4			1		1			3			1				
7. Tetanus										1																		
8. Convulsions	1	4	12	7	5	2	4		1	2	5		11			7	3	4	1		7	10		12		2	5	3
9. Brain Disease	6	9	5	5	9	7	7		2	8	8	2	12	1		6		8	2		5	1			6	4	1	1
9. Dropsy of Brain		1	2	2		1	1						1					2			4	1			1		1	
10. Spinal Fever	1			2	2	5			1	1			7		2	2					3				1	2		1
11. Spotted Fever			1																							1		
12. Meningitis		1	2		1						1			1										4				
13. Meningitis, Cerebro-spinal		3				1			1																			
14. Meningitis, Spinal		1			1	1			1	1	1	1	4					2								1		

15. Neuralgia																												
16. Spine Disease																												
17. Spine, Inflammation of										1																		
18. Frightened																												
III.—Order 2. Organs of Circulation	11	20	7	8	17	14	6		4	21	19	1	37		2	18	1	16	10	1	23	1		8	3	3	3	3
1. Pericarditis	1			1	2	1				2	1		1			1					3							
2. Aneurism						1			1							1					2							
3. Heart Disease	10	20	7	7	15	12	6		3	19	18	1	36		2	16	1	16	10	1	18	1		8	3	3	3	3
4. Emboli																												
III.—Order 3. Respiratory Organs	23	14	42	13	12	14	8	1	9	37	24	1	66	5	2	19	5	20	11	1	17	8	1	21	6	11	6	3
1. Epistaxis																												
2. Laryngitis					1																							
3. Bronchitis		1	11								1		3	2					2		4			6		1	2	
4. Pleurisy					1					2	2		2					1								1		
5. Pneumonia	16	9	29	10	7	11	5	1	5	27	18	1	50	2	2	17	2	17	6	1	10	7		15	2	6	4	2
6. Asthma	2	1	2		1					1	1		3				2	1	1		1	1	1					
7. Lung Disease	5	3		3	2	2	3		4	7	1		8	1		2	1	1	1		2				3	3		1
8. Catarrh						1					1								1						1			
III.—Order 4. Digestive Organs	6	11	27	14	11	15	1	1	6	22	18	3	32	6	3	15	7	15	9	1	8	6		10	4	6	8	2
1. Gastritis	1	1	2		1				1		1		2	1	1		3				2				1		1	
2. Enteritis	4	3	18	7	4	5			3	10	2	1	19	3	1	4	3	6	1	1	2	3		10	2	3	6	2
3. Peritonitis			2		2					3	2					2			1									
4. Ascitis		1																										
5. Ulceration of Intestines		1			1					1																		
6. Hernia	1		1			2										1		1	1								1	
7. Obstruction of Bowels																												

TABLE 77.—CONTINUED —*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
7. Whooping-cough	....	6	3	....	6	7	1	....	6	8	1	....	7	7	....	4	1	5	4	2	2	6	....	4	....	1	3	1
8. Typhoid Fever	6	4	7	7	12	5	1	1	3	16	9	....	26	....	....	8	1	16	5	....	6	4	....	4	4	18	5	1
8. Typhus Fever	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Typho-Malarial Fever	1	....	....	....	....	3	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	....
9. Erysipelas	3	7	2	1	5	6	....	....	1	4	7	....	13	....	2	....	....	1	1	1	2	....	....	1	....	....	....	....
10. Puerperal Fever	....	....	....	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11. Carbuncle	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Influenza	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....
13. Dysentery	....	5	9	1	1	1	....	....	....	....	6	2	7	....	2	3	2	....	3	....	4	4	....	3	....	....	4	1
14. Diarrhea	....	....	44	8	5	3	2	....	2	....	1	....	15	....	1	1	2	....	....	....	6	8	....	4	1	2	14	1
15. Cholera Infantum	16	3	25	3	5	5	2	2	6	12	9	1	49	7	3	4	3	15	4	2	6	14	....	8	13	1	4	2
16. Cholera Morbus	1	1	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	3	1	....	1	1	....	1	....	....	3	....
16. Cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Ague	1	3	....	1	....	....	2	....	1	2	5	1	6	....	....	2	1	1	....	....	2	2	....	....	1	1	1	2
18. Remittent Fever	1	2	4	....	2	2	....	....	....	2	1	....	6	....	3	3	1	1	....	....	1	1	....	2	3	6	4	....
19. Rheumatism	2	1	3	3	3	2	....	....	1	1	4	....	7	....	....	1	1	5	1	1	2	1	....	1	....	....	....	....
20. Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I.—ORDER 2. Enthetic	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
1. Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture of Urethra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2. Stricture	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....

3. Hydrophobia	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
4. Glanders	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
I.—ORDER 3. Dietic	....	1	..	1	....	..	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	....	....	....	..
1. Privation	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Purpura	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Rachitis	....	....	..	1	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Scurvy	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
3. Delirium Tremens (Alcoholism)	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	..
4. Intemperance	....	1	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	..
5. Opium Eating	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	..
I.—ORDER 4. Parasitic	....	....	..	....	....	..	....	....	....	....	....	....	1	....	....	....	....	2	....	....	1	....	....	....	1	....	....	..
1. Thrush	....	....	..	....	....	..	....	....	....	....	....	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	..
2. Worms	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	..
3. Disease of Scalp	....	....	..	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
CLASS II.—CONSTITUTIONAL	27	55	29	33	44	66	5	....	11	71	68	4	152	8	1	39	19	118	30	3	65	20	....	27	14	19	18	11
II.—ORDER 1. Diathetic	7	19	4	11	12	22	....	....	3	21	12	....	37	....	1	9	6	47	7	....	21	3	....	3	3	8	3	2
1. Gout	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Anæmia	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Dropsy	4	7	2	4	7	10	....	....	2	8	5	....	19	....	1	2	4	24	3	....	11	3	....	2	2	4	2	2
3. Cancer	3	12	2	5	3	10	....	....	....	12	6	....	15	....	....	7	2	21	4	....	10	....	....	1	1	2	1	..
4. Noma (Canker)	....	....	....	2	....	2	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	..
5. Mortification	....	....	....	....	2	....	....	....	....	1	1	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	..
II.—ORDER 2. Tubercular	20	36	25	22	32	44	5	....	8	50	56	4	115	8	....	30	13	71	23	3	44	17	....	24	11	11	15	9
1. Scrofula	1	....	....	....	2	....	....	....	....	....	1	....	3	....	....	1	....	....	....	....	1	....	....	....	....	....	....	..
2. Consumption of Bowels	....	....	....	....	....	2	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	State.	Counties, 1886.																									
		Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.	Delta.	Eaton.	Emmet.	Genesee.	Gladwin.	G'd Traverse.
2. Child-birth	221	1	....	3	2	....	....	....	5	11	1	3	1	7	2	1	3	1	2	....	1	3	3	2	3	....	2
2. Abortion	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
2. Uterine Hemorrhage	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IV.—ORDER 3. Dev. Dis. of Old People	865	1	1	19	2	2	1	1	10	16	5	19	15	34	4	2	3	....	....	14	....	....	28	5	19	1	3
1. Old Age	865	1	1	19	2	2	1	1	10	16	5	19	15	34	4	2	3	....	....	14	....	....	28	5	19	1	3
IV.—ORDER 4. Diseases of Nutrition	238	....	....	6	5	3	....	....	1	17	1	....	7	1	3	....	2	1	....	1	....	....	2	1	3	....	....
1. Atrophy and Debility	238	....	....	6	5	3	....	....	1	17	1	....	7	1	3	....	2	1	....	1	....	....	2	1	3	....	....
CLASS V.—VIOLENT DEATHS	923	....	....	10	7	2	3	3	7	25	8	14	16	21	6	5	6	4	4	10	1	6	12	3	16	3	3
V.—ORDER 1. Accident or Negligence	461	....	....	6	4	2	3	3	2	16	4	8	8	8	4	4	4	3	1	2	1	3	5	1	8	2	....
1. Fractures and Contusions	96	....	....	1	....	....	1	....	1	4	1	1	1	3	....	....	1	....	....	....	1	....	2	....	....	....	....
2. Wounds	24	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....
3. Burns and Scalds	58	....	....	....	....	....	....	1	....	2	....	....	3	....	....	1	....	....	....	1	....	....	1	....	....	....	....
4. Poison	26	....	....	....	1	1	....	....	1	1	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....
5. Drowning	144	....	....	1	3	....	....	....	....	6	3	6	1	4	1	1	1	3	....	1	....	2	1	1	5	1	....
6. Suffocation	26	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	2	....	....
7. Otherwise	87	....	....	4	....	1	2	1	....	2	....	1	2	1	1	....	2	....	....	....	....	1	....	....	1	....	....
V.—ORDER 2. In Battle	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V.—ORDER 3. Homicide	30	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	....	....	....	1	....	....	1	....
1. Murder	30	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	....	....	....	1	....	....	1	....

V.—ORDER 4. Suicide	82		1				1	2		1	1	7	1					2		1	5		1		
1. Wounds	11		1					1				1									1				
2. Poison	9						1					1						1		1					
3. Drowning	4																				1				
4. Hanging	8											1													
5. Otherwise and not Specfied	50							1		1	1	4	1					1			3		1		
V.—ORDER 5. Execution																									
1. Hanging																									
V.—ORDER 6. Violent Deaths not included above	350		3	3			4	7	4	4	7	5	1		2		3	6		2	1	2	7		3
UNCLASSIFIED	70		3					3			1		1			1		2		1			2		
1. Head Disease	5							1																	
2. Hemorrhage	20							1			1		1										2		
3. Inflammation	39							1								1		2		1					
4. Otherwise	6		3																						
Causes not Specified	1,043		18	23	7	2	2	6	31	2		9	10	8		2	6	1	8	5	6	23	11	9		1

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Grattot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
All causes	170	278	420	217	251	257	104	10	130	358	361	35	795	66	42	230	85	392	149	28	290	169	5	328	149	154	228	71
Specified causes	160	253	394	206	237	247	98	10	119	349	341	33	752	62	39	212	79	364	144	24	283	153	3	294	136	144	188	63
Causes not specified	10	25	26	11	14	10	6	....	11	9	20	2	43	4	3	18	6	28	5	4	7	16	2	34	13	10	40	8
CLASSES.																												
I.—Zymotic Diseases	36	59	126	44	58	49	29	4	39	74	84	5	182	20	16	38	23	68	23	11	58	56	....	123	51	49	49	22
II.—Constitutional Diseases	27	55	29	33	44	66	5	....	11	71	68	4	152	8	1	39	19	118	30	3	65	20	....	27	14	19	18	11
III.—Local Diseases	61	103	133	68	84	88	38	2	38	134	118	12	247	14	10	86	19	109	58	3	99	34	2	65	30	45	35	16
IV.—Developmental Diseases	27	30	70	54	37	34	21	2	23	47	54	11	133	15	10	40	14	51	27	4	44	34	1	46	28	16	52	11
V.—Violent Deaths	9	6	34	5	14	10	5	2	8	22	16	1	33	5	2	9	4	17	6	3	16	8	....	33	11	14	32	3
Unclassified	....	....	2	2	....	....	....		....	1	1	....	5	....	....	....	....	1	....	....	1	1	....	....	2	1	2	..
ORDERS.																												
I.—1. Miasmatic Diseases	36	58	126	43	58	49	29		39	74	84	5	181	20	16	36	23	65	23	11	57	55	....	121	50	49	49	22
2. Enthetic Diseases	....	....	....	....	....	....	....		....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	..
3. Dietic Diseases	....	1	....	....	....	....	....		....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	....	....	....	..
4. Parasitic Diseases	....	....	....	....	....	....	....		....	....	....	....	1	....	....	....	....	2	....	....	1	....	....	....	1	....	....	..
II.—1. Diathetic Diseases	7	19	4	11	12	22	....		3	21	12	....	37	....	1	9	6	47	7	....	21	3	....	3	3	8	3	2
2. Tubercular Diseases	20	36	25	22	32	44	5		8	50	56	4	115	8	....	30	13	71	23	3	44	17	....	24	11	11	15	9

III.—1. Diseases of Nervous System	18	45	45	25	36	36	21	....	12	37	43	6	84	3	2	27	4	41	20	....	41	17	1	21	14	19	13	5
2. Diseases of Organs of Circulation	11	20	7	8	17	14	6	....	4	21	19	1	37	....	2	18	1	16	10	1	23	1	....	8	3	3	3	3
3. Diseases of Respiratory Organs	23	14	42	13	12	14	8	1	9	37	24	1	66	5	2	19	5	20	11	1	17	8	1	21	6	11	6	3
4. Diseases of Digestive Organs	6	11	27	14	11	15	1	1	6	22	18	3	32	6	3	15	7	15	9	1	8	6	....	10	4	6	8	2
5. Diseases of Urinary Organs	2	11	9	5	4	8	2	....	5	12	8	1	24	....	1	5	....	15	7	....	6	1	....	....	2	2	4	2
6. Diseases of Generative Organs	....	....	....	....	2	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	..
7. Diseases of Organs of Locomotion	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..
8. Diseases of Integumentary System	1	2	3	3	2	....	....	....	2	4	6	....	2	....	....	2	2	2	1	....	4	1	....	4	1	3	....	1
IV.—1. Developmental Dis. of Children	21	11	36	37	18	15	14	2	16	19	21	6	68	14	3	20	6	13	13	1	19	29	....	42	16	11	37	7
2. Developmental Dis. of Women	1	2	7	7	....	4	2	....	1	3	3	2	12	....	1	2	....	1	3	1	6	2	....	2	2	3	2	3
3. Developmental Dis. of Old People	5	17	14	10	16	15	3	..	5	24	19	1	48	1	5	13	6	34	11	2	17	2	1	....	9	2	6	1
4. Diseases of Nutrition	....	....	13	....	3	....	2	....	1	1	11	2	5	....	1	5	2	3	....	....	2	1	....	2	1	....	7	..
V.—1. Accident or Negligence	7	....	21	2	3	7	3	....	5	10	12	1	9	3	2	3	3	6	4	3	10	3	....	....	9	7	10	2
2. Battle	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
3. Homicide	....	....	....	....	1	....	....	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	..
4. Suicide	....	1	....	....	5	1	....	....	1	3	1	....	4	1	....	1	....	2	....	....	1	....	....	....	....	....	2	..
5. Execution	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
6. Violent Deaths	2	5	13	3	5	2	2	2	1	9	2	....	18	1	....	5	1	9	2	....	5	5	....	33	2	5	20	1
CLASS I.—ZYMOTIC	36	59	126	44	58	49	29	4	39	74	84	5	182	20	16	38	23	68	23	11	58	56	....	123	51	49	49	22
I.—ORDER 1. Miasmatic	36	58	126	43	58	49	29	4	39	74	84	5	181	20	16	36	23	65	23	11	57	55	....	121	50	49	49	22
1. Small-pox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
2. Measles	1	....	2	....	....	....	....	....	....	....	1	....	23	....	....	....	....	....	....	....	....	6	....	2	2	....	5	..
3. Scarlatina	2	....	8	....	1	....	....	....	....	1	2	....	3	2	1	....	5	13	....	2	3	2	....	6	1	....	1	2
4. Diphtheria	....	19	6	13	13	11	15	....	17	22	33	1	9	2	2	7	3	1	3	2	20	4	....	81	13	17	2	8
5. Quinsy	....	1	1	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	..
6. Croup	2	4	11	4	3	2	4	1	1	5	5	....	7	2	2	2	3	2	....	1	2	1	....	4	10	3	3	4

TABLE 77.—CONTINUED —*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
7. Whooping-cough	...	6	3	...	6	7	1	...	6	8	1	...	7	7	...	4	1	5	4	2	2	6	...	4	...	1	3	1
8. Typhoid Fever	6	4	7	7	12	5	1	1	3	16	9	...	26	...	...	8	1	16	5	...	6	4	...	4	4	18	5	1
8. Typhus Fever	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Typho-Malarial Fever	1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...
9. Erysipelas	3	7	2	1	5	6	...	...	1	4	7	...	13	...	2	...	...	1	1	1	2	...	...	1	...	...	...	...
10. Puerperal Fever	...	...	...	1	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Carbuncle	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Influenza	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
13. Dysentery	...	5	9	1	1	1	...	...	...	...	6	2	7	...	2	3	2	...	3	...	4	4	...	3	...	...	4	1
14. Diarrhea	...	...	44	8	5	3	2	...	2	...	1	...	15	...	1	1	2	...	...	...	6	8	...	4	1	2	14	1
15. Cholera Infantum	16	3	25	3	5	5	2	2	6	12	9	1	49	7	3	4	3	15	4	2	6	14	...	8	13	1	4	3
16. Cholera Morbus	1	1	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	3	1	...	1	1	...	1	...	...	3	...
16. Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ague	1	3	...	1	...	...	2	...	1	2	5	1	6	...	...	2	1	1	...	...	2	2	...	...	1	1	1	2
18. Remittent Fever	1	2	4	...	2	2	...	...	...	2	1	...	6	...	3	3	1	1	...	...	1	1	...	2	3	6	4	...
19. Rheumatism	2	1	3	3	3	2	...	...	1	1	4	...	7	...	...	1	1	5	1	1	2	1	...	1	...	...	...	...
20. Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
I.—ORDER 2. Enthetic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
1. Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Stricture of Urethra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Stricture	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...

3. Hydrophobia																												
4. Glanders																												
I.—ORDER 3. Dietic		1		1											1		1				1		2					
1. Privation																												
2. Purpura																												
2. Rachitis				1																								
2. Scurvy																												
3. Delirium Tremens (Alcoholism)																							1					
4. Intemperance		1															1				1		1					
5. Opium Eating															1													
I.—ORDER 4. Parasitic													1				2			1				1				
1. Thrush													1				2											
2. Worms																				1				1				
3. Disease of Scalp																												
CLASS II.—CONSTITUTIONAL	27	55	29	33	44	66	5		11	71	68	4	152	8	1	39	19	118	30	3	65	20		27	14	19	18	11
II.—ORDER 1. Diathetic	7	19	4	11	12	22			3	21	12		37		1	9	6	47	7		21	3		3	3	8	3	2
1. Gout																												
2. Anæmia													1															
2. Dropsy	4	7	2	4	7	10			2	8	5		19		1	2	4	24	3		11	3		2	2	4	2	2
3. Cancer	3	12	2	5	3	10				12	6		15			7	2	21	4		10			1	1	2	1	
4. Noma (Canker)				2		2			1				1													2		
5. Mortification					2					1	1		1					2										
II.—ORDER 2. Tubercular	20	36	25	22	32	44	5		8	50	56	4	115	8		30	13	71	23	3	44	17		24	11	11	15	9
1. Scrofula	1				2						1		3			1					1							
2. Consumption of Bowels						2					1		1															

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
3. Phthisis (Consumption of Lungs)	19	36	25	22	30	42	5	...	8	50	54	4	109	2	...	29	13	71	23	3	43	17	...	23	11	11	15	9
4. Hydrocephalus	...	...	...	...	...	...	...	...	...	...	...	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Marasmus	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...
CLASS III.—LOCAL DISEASES	61	103	133	68	84	88	38	2	38	134	118	12	247	14	10	86	19	109	58	3	99	34	2	65	30	45	35	16
III.—ORDER 1. Nervous System	18	45	45	25	36	36	21	...	12	37	43	6	84	3	2	27	4	41	20	...	41	17	1	21	14	19	13	5
1. Cephalitis	3	3	19	1	6	2	9	...	2	3	3	...	17	1	...	2	...	6	3	...	7	5	...	3	1	3	4	...
2. Apoplexy	2	1	1	3	1	5	...	...	...	5	4	...	10	...	...	2	...	5	4	...	2	...	...	...	2	...	1	...
3. Paralysis	4	22	2	5	10	12	...	...	3	13	19	2	18	...	...	7	1	13	10	...	10	...	1	1	2	6	1	...
4. Insanity	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
5. Chorea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Epilepsy	1	...	...	...	1	...	...	...	1	1	2	...	4	...	...	1	...	1	...	...	3	...	...	1	...	...	...	...
7. Tetanus	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Convulsions	1	4	12	7	5	2	4	...	1	2	5	...	11	...	...	7	3	4	1	...	7	10	...	12	...	2	5	3
9. Brain Disease	6	9	5	5	9	7	7	...	2	8	8	2	12	1	...	6	...	8	2	...	5	1	...	...	6	4	1	1
9. Dropsy of Brain	...	1	2	2	...	1	1	...	...	...	...	...	1	...	...	...	...	2	...	...	4	1	...	...	1	...	1	...
10. Spinal Fever	1	...	...	2	2	5	...	...	1	1	...	...	7	...	2	2	...	...	...	...	3	...	...	...	1	2	...	1
11. Spotted Fever	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
12. Meningitis	...	1	2	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	4	...	...	...	...
13. Meningitis, Cerebro-spinal	...	3	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Meningitis, Spinal	...	1	...	...	1	1	...	...	1	1	1	1	4	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...

15. Neuralgia	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
16. Spine Disease	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
17. Spine, Inflammation of	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
18. Frightened	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
III.—Order 2. Organs of Circulation	11	20	7	8	17	14	6	----	4	21	19	1	37	----	2	18	1	16	10	1	23	1	----	8	3	3	3	3
1. Pericarditis	1	----	----	1	2	1	----	----	----	2	1	----	1	----	----	1	----	----	----	----	3	----	----	----	----	----	----	--
2. Aneurism	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	----	----	----	--
3. Heart Disease	10	20	7	7	15	12	6	----	3	19	18	1	36	----	2	16	1	16	10	1	18	1	----	8	3	3	3	3
4. Emboli	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
III.—Order 3. Respiratory Organs	23	14	42	13	12	14	8	1	9	37	24	1	66	5	2	19	5	20	11	1	17	8	1	21	6	11	6	3
1. Epistaxis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
2. Laryngitis	--	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
3. Bronchitis	----	1	11	----	----	----	----	----	----	----	1	----	3	2	----	----	----	----	2	----	4	----	----	6	----	1	2	--
4. Pleurisy	----	----	----	----	1	----	----	----	----	2	2	----	2	----	----	----	----	1	----	----	----	----	----	----	----	1	----	--
5. Pneumonia	16	9	29	10	7	11	5	1	5	27	18	1	50	2	2	17	2	17	6	1	10	7	----	15	2	6	4	2
6. Asthma	2	1	2	----	1	----	----	----	----	1	1	----	3	----	----	----	2	1	1	----	1	1	1	----	----	----	----	--
7. Lung Disease	5	3	----	3	2	2	3	----	4	7	1	----	8	1	----	2	1	1	1	----	2	----	----	----	3	3	----	1
8. Catarrh	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	--
III.—Order 4. Digestive Organs	6	11	27	14	11	15	1	1	6	22	18	3	32	6	3	15	7	15	9	1	8	6	----	10	4	6	8	2
1. Gastritis	1	1	2	----	1	----	----	----	1	----	1	----	2	1	1	----	3	----	----	----	2	----	----	----	1	----	1	--
2. Enteritis	4	3	18	7	4	5	----	----	3	10	2	1	19	3	1	4	3	6	1	1	2	3	----	10	2	3	6	2
3. Peritonitis	----	----	2	----	2	----	----	----	----	3	2	----	----	----	----	2	----	----	1	----	----	----	----	----	----	----	----	--
4. Ascitis	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
5. Ulceration of Intestines	----	1	----	----	1	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
6. Hernia	1	----	1	----	----	2	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----	----	----	----	----	1	--
7. Obstruction of Bowels	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--

TABLE 77.—CONTINUED —*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
8. Intussusception																												
9. Stricture of Intestines																		1										
10. Fistula																												
11. Stomach Diseases		1		4		4	1		2	3	6		3		1	7		3			1	2				1		
12. Pancreas Diseases																												
13. Hepatitis					1																				1			
14. Biliary Calculus																												
14. Jaundice						1					1		1					1			1							
15. Liver Disease			3	2		1				3	2	2	3			1	1	3	4		2	1				1		
16. Spleen Disease		1								1									1									
17. Bowel Diseases, etc.		3	1	1	2	2		1		1	4		4	2												1		
18. Mouth Disease																			1									
III.—ORDER 5. Urinary Organs	2	11	9	5	4	8	2		5	12	8	1	24		1	5		15	7		6	1			2	2	4	2
1. Nephritis		2	2						1						1						2				1	1		
2. Ischuria																												
3. Bright's Disease of Kidneys	2	5	5	2	2	2			2	7	5	1	19			3		5	4		2					1	3	1
4. Diabetes					2	1			1	1	1		2			2		6			2	1					1	
5. Calculus (Gravel, etc.)										2															1			1
6. Cystitis		1	1							1	1		2															
7. Kidney Disease		3	1	3		5	2		1	1	1		1					4	3									

III.—ORDER 6. Generative Organs					2					1			1											1		1		
1. Ovarian Disease																												
1. Ovarian Tumor																												
2. Disease of Uterus					2					1			1											1		1		
3. Hydrocele																												
III.—ORDER 7. Organs of Locomotion						1							1														1	
1. Arthritis																												
2. Joint Diseases						1							1														1	
III.—ORDER 8. Integumentary System	1	2	3	3	2				2	4	6		2			2	2	2	1		4	1		4	1	3		1
1. Phlegmon		1	1	1	2						5					2			1		1			2		3		1
2. Ulcers				1					1	1																		
3. Skin Disease	1	1	2	1					1	3	1		2				2	2			3	1		2	1			
CLASS IV.—DEVELOPMENTAL DISEASES	27	30	70	54	37	34	21	2	23	47	54	11	133	15	10	40	14	51	27	4	44	34	1	46	28	16	52	17
IV.—ORDER 1. Dev. Dis. of Children	21	11	36	37	18	15	14	2	16	19	21	6	68	14	3	20	6	13	13	1	19	29		42	16	11	37	7
1. Still-born	16	3	16	21	12	6	5	2	13	11	11	4	44	5	2	8	4	6	10		9	13		23	6	5	17	4
2. Infantile	4	7	11	15	5	7	8		3	7	9	2	23	7		10	2	7	3	1	6	15		15	6	5	14	2
2. Premature Birth	1		7	1		1	1				1		1	2								1		2				
3. Cyanosis		1																										
4. Spina Bifida																												
5. Other Malformations					1	1																				1		
6. Teething			2							1					1	1					4			2	4		6	1
7. Injury at Birth																1												
IV.—ORDER 2. Dev. Dis. of Women	1	2	7	7		4	2		1	3	3	2	12		1	2		1	3	1	6	2		2	2	3	2	3
1. Dysmenorrhea						1																						
1. Turn of Life		1		1									1								1							

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																											
	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.	Leelanaw.	Lenawee.	Livingston.	Mackinac.	Macomb.	Manistee.	Manitou.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.
2. Child-birth	1	1	6	5	----	3	2	----	1	3	3	2	10	----	1	2	----	1	3	1	4	2	----	2	2	3	2	3
2. Abortion	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----
2. Uterine Hemorrhage	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IV.—ORDER 3. Dev. Dis. of Old People	5	17	14	10	16	15	3	----	5	24	19	1	48	1	5	13	6	34	11	2	17	2	1	----	9	2	6	1
1. Old Age	5	17	14	10	16	15	3	----	5	24	19	1	48	1	5	13	6	34	11	2	17	2	1	----	9	2	6	1
IV.—ORDER 4. Diseases of Nutrition	----	----	13	----	3	----	2	----	1	1	11	2	5	----	1	5	2	3	----	----	2	1	----	2	1	----	7	----
1. Atrophy and Debility	----	----	13	----	3	----	2	----	1	1	11	2	5	----	1	5	2	3	----	----	2	1	----	2	1	----	7	----
CLASS V.—VIOLENT DEATHS	9	6	34	5	14	10	5	2	8	22	16	1	33	5	2	9	4	17	6	3	16	8	----	33	11	14	32	3
V.—ORDER 1. Accident or Negligence	7	----	21	2	3	7	3	----	5	10	12	1	9	3	2	3	3	6	4	3	10	3	----	----	9	7	10	2
1. Fractures and Contusions	2	----	4	1	----	----	----	----	----	4	3	----	1	2	----	1	----	3	1	1	1	----	----	----	----	3	5	1
2. Wounds	1	----	1	----	----	3	----	----	----	1	----	----	1	----	----	----	----	----	----	1	1	----	----	----	----	----	----	1
3. Burns and Scalds	1	----	----	----	----	1	----	----	3	1	----	----	2	----	----	1	----	----	----	----	2	----	----	----	1	2	----	----
4. Poison	1	----	----	----	1	2	----	----	----	1	1	----	----	----	----	----	----	----	3	----	1	----	----	----	1	1	----	----
5. Drowning	----	----	8	----	1	1	1	----	----	3	6	----	5	----	1	1	3	----	----	1	2	2	----	----	6	----	1	----
6. Suffocation	2	----	----	----	1	----	----	----	----	----	1	1	----	----	1	----	----	3	----	----	----	----	----	----	1	----	----	----
7. Otherwise	----	----	8	1	----	----	2	----	2	----	1	----	----	1	----	----	----	----	----	----	3	1	----	----	----	1	4	----
V.—ORDER 2. In Battle	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
V.—ORDER 3. Homicide	----	----	----	----	1	----	----	----	1	----	1	----	2	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----
1. Murder	----	----	----	----	1	----	----	----	1	----	1	----	2	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----

V.—Order 4. Suicide	----	1	----	----	5	1	----	----	1	3	1	----	4	1	----	1	----	2	----	----	1	----	----	----	----	----	2	--
1. Wounds	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
2. Poison	----	----	----	----	----	1	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	--
3. Drowning	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
4. Hanging	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	--
5. Otherwise and not Specified	----	1	----	----	4	----	----	----	1	2	----	----	1	----	----	1	----	1	----	----	----	----	----	----	----	----	2	--
V.—Order 5. Execution	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
1. Hanging	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
V.—Order 6. Violent Deaths not included above	2	5	13	3	5	2	2	2	1	9	2	----	18	1	----	5	1	9	2	----	5	5	----	33	2	5	20	1
Unclassified	----	----	2	2	----	----	----	----	----	1	1	----	5	----	----	----	----	1	----	----	1	1	----	----	2	1	2	--
1. Head Disease	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	--
2. Hemorrhage	----	----	----	----	----	----	----	----	----	1	----	----	3	----	----	----	----	----	----	----	1	----	----	----	----	----	----	--
3. Inflammation	----	----	1	2	----	----	----	----	----	----	1	----	2	----	----	----	----	1	----	----	----	1	----	----	----	1	2	--
4. Otherwise	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
Causes not Specified	10	25	26	11	14	10	6	----	11	9	20	2	43	4	3	18	6	28	5	4	7	16	2	34	13	10	40	8

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Missaukee.	Monroe.	Montcalm.	Montmoren'y.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
All causes	23	300	205	14	318	114	352	105	24	61	127	13	24	359	50	7	943	261	21	216	460	241	269	279	323	3,324	83
Specified causes	20	289	193	13	302	106	343	103	22	58	122	12	23	332	27	6	857	240	19	206	420	235	250	268	311	3,212	79
Causes not specified	3	11	12	1	16	8	9	2	2	3	5	1	1	27	23	1	86	21	2	10	40	6	19	11	12	112	4
CLASSES.																											
I.—Zymotic Diseases	5	58	51	6	96	39	64	30	7	17	45	4	10	81	6	2	230	83	2	48	102	46	77	57	55	1,103	12
II.—Constitutional Diseases	4	48	36	1	41	11	68	18	7	3	14	1	2	53	3	----	114	38	3	45	73	36	42	64	57	531	12
III.—Local Diseases	4	101	65	1	92	27	138	30	2	18	40	2	5	111	8	2	298	69	4	65	150	84	74	82	115	946	28
IV.—Developmental Diseases	3	65	33	----	60	27	63	19	5	7	12	2	4	76	10	----	151	36	6	41	66	58	43	48	67	483	23
V.—Violent Deaths	4	15	8	4	13	2	9	5	1	13	10	3	1	11	----	2	59	10	4	6	25	10	13	17	15	137	3
Unclassified	----	2	----	1	----	----	1	1	----	----	1	----	----	----	----	----	5	4	----	1	4	1	1	----	2	12	1
ORDERS.																											
I.—1. Miasmatic Diseases	5	57	50	6	96	39	63	30	7	16	45	4	9	80	6	2	228	83	1	48	102	46	77	55	55	1,088	12
2. Enthetic Diseases	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9	----
3. Dietic Diseases	----	1	1	---	----	----	1	----	----	1	----	----	----	1	----	----	1	----	1	----	----	----	----	2	----	6	----
4. Parasitic Diseases	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	----
II.—1. Diathetic Diseases	1	13	11	----	8	4	20	5	2	----	1	1	2	12	----	----	30	5	1	8	33	13	3	20	20	117	2
2. Tubercular Diseases	3	35	25	1	33	7	48	13	5	3	13	----	1	41	3	----	84	33	2	37	40	23	39	44	37	414	10

III.—1. Diseases of Nervous System	....	30	31	....	42	9	42	11	....	3	12	1	1	45	1	..	120	13	3	23	45	32	27	23	37	437	13
2. Diseases of Organs of Circulation	2	15	5	....	6	6	29	2	1	3	6	...	..	18	....	..	29	13	....	12	23	16	15	14	24	120	4
3. Diseases of Respiratory Organs	....	33	8	....	17	5	30	8	....	5	9	1	1	25	7	1	74	22	...	12	45	10	13	23	25	219	6
4. Diseases of Digestive Organs	1	14	9	....	19	2	17	4	....	5	5	....	2	17	....	1	51	12	....	14	17	10	10	14	13	103	2
5. Diseases of Urinary Organs	1	5	9	1	5	4	16	5	1	1	7	....	1	4	....	..	17	6	1	2	16	11	7	7	14	39	2
6. Diseases of Generative Organs	...	...	1	....	1	....	3	..	....	1	..	...	..	1	...	..	1	....	....	....	1	2	1	...	....	1	1
7. Diseases of Organs of Locomotion	....	...	....	....	..	....	..	..	....	..	1	....	..	..	....	..	....	....	....	..	....	1	....	....	....	1	....
8. Diseases of Integumentary System	....	4	2	....	2	1	1	..	....	..	..	....	..	1	....	..	6	3	....	2	3	2	1	1	2	26	....
IV.—1. Developmental Dis. of Children	3	31	28	....	44	19	25	11	3	6	9	2	3	40	7	..	86	23	3	14	33	22	26	19	25	299	19
2. Developmental Dis. of Women	....	12	1	....	6	3	3	2	1	1	1	....	1	5	1	..	13	4	....	4	3	3	5	2	4	32	3
3. Developmental Dis. of Old People	....	20	4	....	5	3	22	5	1	..	2	....	..	26	2	..	40	8	1	23	23	25	11	18	28	105	1
4. Diseases of Nutrition	....	2	....	....	5	2	13	1	....	..	..	...	..	5	....	..	12	1	2	....	7	8	1	9	7	47	....
V.—1. Accident or Negligence	2	9	6	3	8	....	4	3	1	6	3	....	..	2	....	1	39	8	1	2	15	4	6	8	9	72	2
2. Battle	....	...	....	....	..	....	..	....	....	..	..	....	..	..	....	..	....	....	....	....	....	..	....	....	....	....	....
3. Homicide	1	1	....	....	..	....	..	....	....	..	..	...	..	..	....	..	1	....	....	1	1	1	....	....	....	11	....
4. Suicide	....	1	....	....	1	1	2	1	....	1	..	....	..	1	....	..	6	1	1	1	....	2	1	4	3	9	....
5. Execution	....	...	....	....	..	....	..	....	....	..	..	....	..	..	....	..	....	....	....	....	....	..	....	....	....	....	....
6. Violent Deaths	1	4	2	1	4	1	3	1	....	6	7	3	1	8	....	1	13	1	2	2	9	3	6	5	3	45	1
CLASS I.—ZYMOTIC	5	58	51	6	96	39	64	30	7	17	45	4	10	81	6	2	230	83	2	48	102	46	77	57	55	1,103	12
I.—ORDER 1. Miasmatic	5	57	50	6	96	39	63	30	7	16	45	4	9	80	6	2	228	83	1	48	102	46	77	55	55	1,058	12
1. Small-pox	....	...	....	....	..	....	.	1	....	..	.	....	..	..	....	..	....	....	....	....	....	....	....	....	....	5	....
2. Measles	....	...	2	....	..	1	..	....	....	..	..	....	..	2	....	..	....	1	....	....	6	....	....	....	1	62	....
3. Scarlatina	....	2	2	5	3	....	4	....	....	..	..	....	..	5	....	.	5	5	....	....	1	....	1	3	....	180	....
4. Diphtheria	....	8	6	....	9	15	16	7	....	2	27	....	1	11	3	..	47	33	....	5	27	3	26	17	16	358	3
5. Quinsy	....	1	....	....	..	....	..	....	....	1	..	....	..	..	....	.	2	....	....	1	....	....	....	....	2	1	....
6. Croup	....	6	7	1	13	2	2	....	1	1	4	....	1	8	....	..	54	14	...	5	4	5	2	5	4	97	2

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Missaukee.	Monroe.	Montcalm.	Montmoren'y.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
7. Whooping-cough	----	5	7	----	4	----	1	3	----	----	2	----	----	2	----	----	1	3	----	----	3	----	2	2	1	23	----
8. Typhoid Fever	1	6	8	----	8	3	10	2	1	2	3	----	1	7	2	1	28	6	----	10	10	2	10	5	5	76	4
8. Typhus Fever	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8. Typho-Malarial Fever	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	3	----	----	----	2	----	----	----	----	3	----
9. Erysipelas	1	3	----	----	4	3	6	----	----	----	2	----	----	3	1	----	11	5	1	3	7	4	4	----	8	20	2
10. Puerperal Fever	----	----	----	----	----	----	1	1	----	----	----	----	----	2	----	----	1	----	----	2	----	----	----	1	2	1	----
11. Carbuncle	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----
12. Influenza	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13. Dysentery	----	----	1	----	7	2	4	5	----	----	----	----	----	4	----	----	----	4	----	----	1	5	9	1	2	18	----
14. Diarrhea	2	4	2	----	16	2	2	----	1	----	1	----	1	19	----	----	19	3	----	5	7	1	5	----	2	112	----
15. Cholera Infantum	----	16	9	----	22	10	7	9	1	7	5	2	4	7	----	1	39	4	----	12	20	12	11	15	4	43	1
16. Cholera Morbus	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	2	----	----	----	----	----	----	2	6	----
16. Cholera	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17. Ague	1	1	3	----	4	1	5	1	1	1	----	1	----	2	----	----	4	2	----	2	8	2	5	2	1	45	----
18. Remittent Fever	----	4	----	----	3	----	2	----	1	----	----	1	----	4	----	----	7	1	----	1	----	5	----	----	1	14	----
19. Rheumatism	----	1	3	----	3	----	3	1	1	----	1	----	1	3	----	----	6	----	----	2	6	7	2	4	4	22	----
20. Leprosy	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I.—ORDER 2. Enthetic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9	----
1. Syphilis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9	----
2. Stricture of Urethra	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Stricture	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

3. Hydrophobia																										
4. Glanders																										
I.—ORDER 3. Dietic		1	1				1			1				1			1		1					2		6	
1. Privation																											
2. Purpura																											
2. Rachitis																											
2. Scurvy																											
3. Delirium Tremens (Alcoholism)			1											1													
4. Intemperance		1					1			1									1					2		6	
5. Opium Eating																	1										
I.—ORDER 4. Parasitic													1				1										
1. Thrush																											
2. Worms													1				1										
3. Disease of Scalp																											
CLASS II.—CONSTITUTIONAL	4	48	36	1	41	11	68	18	7	3	14	1	3	53	3		114	38	3	45	73	36	42	64	57	531	12
II.—ORDER 1. Diathetic	1	13	11		8	4	20	5	2		1	1	2	12			30	5	1	8	33	13	3	20	20	117	2
1. Gout																											
2. Anæmia																										1	
2. Dropsy		6	5		7	3	5	3	2		1			8			11	3		2	12	5	3	6	7	43	2
3. Cancer	1	7	6			1	14	2					2	3			18	2	1	4	20	8		11	12	67	
4. Noma (Canker)					1		1													1					1	3	
5. Mortification												1		1			1			1	1			3		3	
II.—ORDER 2. Tubercular	3	35	25	1	33	7	48	13	5	3	13		1	41	3		84	33	2	37	40	23	39	44	37	414	10
1. Scrofula		2		1										2			2									3	
2. Consumption of Bowels					1		2				1		1	1							1					1	2

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Missaukee.	Monroe.	Montcalm.	Montmoren'y.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
3. Phthisis (Consumption of Lungs)	3	33	25	....	32	7	46	13	5	3	12	....	....	37	3	....	80	33	2	37	39	22	39	44	37	362	8
4. Hydrocephalus	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Marasmus	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	1	....	....	....	48	....
CLASS III.—LOCAL DISEASES	4	101	65	1	92	27	138	30	2	18	40	2	5	111	8	2	298	69	4	65	150	84	74	82	115	946	28
III.—ORDER 1. Nervous System	....	30	31	....	42	9	42	11	....	3	12	1	1	45	1	....	120	13	3	23	45	32	27	23	37	437	13
1. Cephalitis	....	4	7	....	19	1	3	2	....	....	2	....	....	14	1	....	16	....	....	2	9	3	5	2	3	72	3
2. Apoplexy	....	4	4	....	2	....	8	....	....	....	....	....	....	3	....	....	10	....	....	1	3	2	4	1	8	25	....
3. Paralysis	....	9	5	....	5	3	13	4	....	....	2	....	....	8	....	....	19	5	....	8	6	16	5	8	9	71	1
4. Insanity	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	13	....
5. Chorea	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
6. Epilepsy	....	....	....	....	1	....	5	....	....	1	....	....	....	....	....	....	....	....	....	....	2	1	1	1	....	7	....
7. Tetanus	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Convulsions	....	4	1	....	7	....	4	....	....	1	2	....	1	13	....	....	31	2	....	4	11	1	3	2	5	172	3
9. Brain Disease	....	2	6	....	4	2	8	3	....	....	2	1	....	6	....	....	31	3	2	7	10	4	6	8	6	53	3
9. Dropsy of Brain	....	....	1	....	1	....	....	....	....	....	1	....	....	....	....	....	1	3	1	....	2	....	....	....	....	5	....
10. Spinal Fever	....	1	7	....	....	3	....	2	....	....	2	....	....	1	....	....	3	....	....	....	1	2	....	1	3	1	3
11. Spotted Fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
12. Meningitis	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	....
13. Meningitis, Cerebro-spinal	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
14. Meningitis, Spinal	....	2	....	....	1	....	....	....	....	1	1	....	....	....	....	....	7	....	....	....	....	3	3	....	5	8	....

15. Neuralgia	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16. Spine Disease	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17. Spine, Inflammation of	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18. Frightened	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
III.—Order 2. Organs of Circulation	2	15	5	----	6	6	29	2	1	3	6	----	----	18	----	----	29	13	----	12	23	16	15	14	24	120	4
1. Pericarditis	1	3	1	----	----	1	3	1	----	----	1	----	----	4	----	----	----	----	----	1	2	1	1	2	5	9	----
2. Aneurism	----	----	----	----	1	----	2	----	----	----	1	----	----	1	----	----	----	1	----	----	----	----	1	----	----	2	----
3. Heart Disease	1	12	4	----	5	5	24	1	1	3	4	----	----	13	----	----	29	12	----	11	21	15	13	12	19	109	4
4. Emboli	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
III.—Order 3. Respiratory Organs	----	33	8	----	17	5	30	8	----	5	9	1	1	25	7	1	74	22	----	12	45	10	13	23	25	219	6
1. Epistaxis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Laryngitis	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----
3. Bronchitis	----	----	----	----	2	----	1	----	----	----	----	----	----	2	1	----	10	1	----	1	2	----	2	----	----	27	----
4. Pleurisy	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	2	----	----	----	1	5	----
5. Pneumonia	----	20	8	----	10	4	18	6	----	5	7	----	----	19	4	1	35	18	----	8	23	9	10	19	19	120	6
6. Asthma	----	8	----	----	2	----	1	1	----	----	----	----	----	1	----	----	1	----	----	----	3	1	1	1	3	13	----
7. Lung Disease	----	5	----	----	2	1	10	1	----	----	2	1	1	1	2	----	26	3	----	3	14	----	----	3	2	51	----
8. Catarrh	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	----	----	----	2	----
III.—Order 4. Digestive Organs	1	14	9	----	19	2	17	4	----	5	5	----	2	17	----	1	51	12	----	14	17	10	10	14	13	103	2
1. Gastritis	----	----	1	----	1	----	1	----	----	----	----	----	----	1	----	----	10	1	----	1	----	1	3	----	1	7	1
2. Enteritis	----	7	4	----	10	----	7	1	----	2	3	----	1	7	----	----	21	5	----	5	4	5	1	5	4	45	1
3. Peritonitis	----	1	----	----	----	----	1	----	----	----	----	----	----	----	----	----	4	1	----	----	1	----	----	----	----	5	----
4. Ascitis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
5. Ulceration of Intestines	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
6. Hernia	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	1	1	----	1	1	2	6	----
7. Obstruction of Bowels	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Missaukee.	Monroe.	Montcalm.	Montmoren'y	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Ossoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
8. Intussusception	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9. Stricture of Intestines	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	1	----
10. Fistula	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----
11. Stomach Diseases	----	2	----	----	3	1	3	1	----	1	----	----	----	3	----	----	3	1	----	3	3	----	1	2	3	11	----
12. Pancreas Diseases	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
13. Hepatitis	----	----	----	----	1	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----
14. Biliary Calculus	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14. Jaundice	----	1	----	----	1	----	1	----	----	----	1	----	----	1	----	----	1	2	----	----	1	1	----	2	----	2	----
15. Liver Disease	1	----	2	----	----	----	2	----	----	1	1	----	----	2	----	----	8	1	----	1	4	----	2	1	2	13	----
16. Spleen Disease	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----
17. Bowel Diseases, etc	----	2	1	----	3	----	----	----	----	1	----	----	1	1	----	----	4	----	----	1	1	3	1	2	1	5	----
18. Mouth Disease	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----
III.—ORDER 5. Urinary Organs	1	5	9	1	5	4	16	5	1	1	7	----	1	4	----	----	17	6	1	2	16	11	7	7	14	39	2
1. Nephritis	----	1	1	----	2	1	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	2	1	----	----	2	----
2. Ischuria	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3. Bright's Disease of Kidneys	----	1	7	1	----	2	10	3	1	1	2	----	1	3	----	----	8	2	1	2	9	6	3	2	7	20	1
4. Diabetes	1	3	----	----	1	----	1	1	----	----	1	----	----	----	----	----	2	3	----	----	----	1	1	1	4	4	1
5. Calculus (Gravel, etc.)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	1	2	----
6. Cystitis	----	----	----	----	1	----	2	----	----	----	2	----	----	1	----	----	----	----	----	----	1	----	----	----	----	3	----
7. Kidney Disease	----	----	1	----	1	1	3	1	----	----	2	----	----	----	----	----	4	----	----	----	4	2	2	4	2	8	----

III.—Order 6. Generative Organs	----	----	1	----	1	----	3	----	----	1	----	----	----	1	----	----	1	----	----	----	1	2	1	----	----	1	1
1. Ovarian Disease	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Ovarian Tumor	----	----	1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Disease of Uterus	----	----	----	----	1	----	2	----	----	1	----	----	----	1	----	----	1	----	----	----	1	2	1	----	----	1	1
3. Hydrocele	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
III.—Order 7. Organs of Locomotion	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----
1. Arthritis	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Joint Diseases	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----
III.—Order 8. Integumentary System	----	4	2	----	2	1	1	----	----	----	----	----	----	1	----	----	6	3	----	2	3	2	1	1	2	26	----
1. Phlegmon	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	2	----	----	----	2	1	----	----	8	----
2. Ulcers	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	----
3. Skin Disease	----	3	2	----	1	1	1	----	----	----	----	----	----	1	----	----	1	1	----	2	3	----	----	1	2	16	----
Class IV.—Developmental Diseases	3	65	33	----	60	27	63	19	5	7	12	2	4	76	10	----	151	36	6	41	66	58	43	48	67	483	23
IV.—Order 1. Dev. Dis. of Children	3	31	28	----	44	19	25	11	3	6	9	2	3	40	7	----	86	23	3	14	33	22	26	19	28	299	19
1. Still-born	1	14	17	----	13	9	14	3	2	1	4	1	2	25	4	----	53	12	2	9	18	14	18	14	17	193	12
2. Infantile	2	15	10	----	27	9	10	7	1	5	3	1	1	14	3	----	24	11	1	4	14	8	8	5	11	70	5
2. Premature Birth	----	1	----	----	----	1	1	----	----	----	----	----	----	1	----	----	2	----	----	----	----	----	----	----	----	3	1
3. Cyanosis	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4. Spina Bifida	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----
5. Other Malformations	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
6. Teething	----	1	----	----	4	----	----	----	----	----	1	----	----	----	----	----	7	----	----	----	----	----	----	----	----	31	----
7. Injury at Birth	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----
IV.—Order 2. Dev. Dis. of Women	----	12	1	----	6	3	3	2	1	1	1	----	1	5	1	----	13	4	----	4	3	3	5	2	4	32	3
1. Dysmenorrhea	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Turn of Life	----	1	----	----	----	----	1	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----

TABLE 77.—CONTINUED.—*Causes of Death, Classified.*

Causes of Death,—1886.	Counties, 1886.																										
	Missaukee.	Monroe.	Montcalm.	Montmoren'y.	Muskegon.	Newaygo.	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.	Sanilac.	Schoolcraft.	Shiawassee.	St. Clair.	St. Joseph.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
2. Child-birth	....	11	1	....	4	3	2	1	1	1	1	....	1	5	1	....	13	4	....	4	2	3	5	2	4	29	3
2. Abortion	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
2. Uterine Hemorrhage	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IV.—ORDER 3. Dev. Dis. of Old People	....	20	4	....	5	3	22	5	1	....	2	....	....	26	2	....	40	8	1	23	23	25	11	18	28	105	1
1. Old Age	....	20	4	....	5	3	22	5	1	....	2	....	....	26	2	....	40	8	1	23	23	25	11	18	28	105	1
IV.—ORDER 4. Diseases of Nutrition	....	2	....	....	5	2	13	1	....	....	....	....	....	5	....	....	12	1	2	....	7	8	1	9	7	47	....
1. Atrophy and Debility	....	2	....	....	5	2	13	1	....	....	....	....	....	5	....	....	12	1	2	....	7	8	1	9	7	47	....
CLASS V.—VIOLENT DEATHS	4	15	8	4	13	2	9	5	1	13	10	3	1	11	....	2	59	10	4	6	25	10	13	17	15	137	3
V.—ORDER 1. Accident or Negligence	2	9	6	3	8	....	4	3	1	6	3	....	....	2	....	1	39	8	1	2	15	4	6	8	9	72	3
1. Fractures and Contusions	....	4	1	....	....	....	2	....	1	....	1	....	....	1	....	1	5	1	1	1	1	1	....	3	1	21	....
2. Wounds	....	1	3	....	....	....	....	3	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
3. Burns and Scalds	1	....	....	1	2	....	1	....	....	....	2	....	....	....	....	....	5	4	....	....	1	....	2	2	1	12	1
4. Poison	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....
5. Drowning	....	....	2	2	5	....	....	....	....	....	....	....	....	1	....	....	19	1	....	....	10	3	2	2	2	12	....
6. Suffocation	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	....	3	1
7. Otherwise	1	2	....	....	....	....	....	....	....	3	....	....	....	....	....	....	8	1	....	....	2	....	1	1	5	20	....
V.—ORDER 2. In Battle	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V.—ORDER 3. Homicide	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	1	....	....	....	11	....
1. Murder	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	1	....	....	....	11	....

V.—ORDER 4. Suicide	----	1	----	----	1	1	2	1	----	1	----	----	----	1	----	----	6	1	1	1	----	2	1	4	3	9	----
1. Wounds	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----
2. Poison	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----
3. Drowning	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----
4. Hanging	----	1	----	----	----	----	1	----	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	----	----
5. Otherwise and not Specified	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	5	1	----	1	----	----	1	2	3	9	----
V.—ORDER 5. Execution	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1. Hanging	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
V.—ORDER 6. Violent Deaths not included above	1	4	2	1	4	1	3	1	----	6	7	3	1	8	----	1	13	1	2	2	9	3	6	5	3	45	1
UNCLASSIFIED	----	2	----	1	----	----	1	1	----	----	1	----	----	----	----	----	5	4	----	1	4	1	1	----	2	12	1
1. Head Disease	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2. Hemorrhage	----	----	----	1	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	----	2	4	----
3. Inflammation	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	5	4	----	1	2	----	1	----	----	7	1
4. Otherwise	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----
Causes not Specified	3	11	12	1	16	8	9	2	2	3	5	1	1	27	23	1	86	21	2	10	40	6	19	11	12	112	4

TABLE 78.—*Exhibiting, by Sex, by Months, by Specified Causes, and by Ages in Periods of Years, the Number of Deaths returned for the Year 1886; also by Sex and by Specified Causes, the Number of Deaths returned for each of the Years 1881–1886, inclusive. (Still-births included.)*

Sex.	DEATHS FROM ALL CAUSES.																																					
	Months, 1886.													Years.						Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Totals	1065	1093	1462	1396	1376	1281	1461	1887	1889	1761	1615	1841	60	18187	16646	18056	16906	16425	19238	7055	882	516	708	811	789	573	563	524	558	544	593	666	761	741	671	855	377
Males	592	581	750	733	726	690	801	1049	1001	894	868	1007	33	9725	9025	9589	9101	8713	10263	3836	451	241	338	387	340	269	282	261	307	295	349	373	447	463	400	479	207
Females	469	510	705	657	645	587	655	832	882	860	744	830	26	8402	7569	8385	7748	7664	8910	3167	431	275	370	424	449	304	281	263	251	249	244	293	314	278	271	376	162
Unknown	4	2	7	6	5	4	5	6	6	7	3	4	1	60	52	82	57	48	65	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																			
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	2	1			1		1		2					7	12	6	12	9	8	Abortion				1	3		1	1										1
Males												1		1	2			2	1	Abscess of Back						1												
Females															1			2		" "																		
Totals	1		1			1	1		1	1				6	3	5	5	4	3	Abscess of Bowels			1		1			1	1	1			1					
Males			1			1	1			1				4	3	4	3		2	" "			1		1			1		1								
Females	1								1					2		1	2	4	1	" "									1				1					
Totals			1			1					2			4	1	3	1	6	5	Abscess of Brain					1			1		1			1					
Males						1								1	1	3	1	3	3	" "								1										
Females			1								2			3				3	2	" "					1					1			1					
Males																			1	Abscess of Ear																		
Males															1					Abscess of Groin																		
Females											1			1		1				" "														1				
Males																		1		Abscess of Hand																		
Females																			1	" "																		
Males																5				Abscess on Head																		
Males																5				Abscess on Hip																		
Females																1				" "																		
Males					1									1	2					Abscess of Kidneys											1							
Females																	1		2	" "																		
Males															1				3	Abscess of Leg																		
Males																2				Abscess of Neck																		

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males																			1	Abscess, Pelvic																				
Females								1				1		2	1			1		" "							1	1											
Totals								1	3	1	1	2		8	9	3	4	2	8	Abscess in Side	1	1		1			2			1	1			1				
Males									3	1	1			5	6	1	2	1	5	" " "	1			1			1				1			1				
Females								1				2		3	3	2	2	1	3	" " "		1					1			1								
Females																1				Abscess of Spine																		
Males															1	3	3	3	4	Abscess of Stomach																		
Females		1												1			1	1	5	" " "											1							
Totals		3	4	3	4	5	5	6	6	3	3	3		45	32	34	34	14	19	Abscess	8	3		5	6	6	1	3	4	2	3	2			1	1		
Males		2	2	1	2	2	3	3	3	2	2	3		25	15	15	25	10	11	"	4			3	4	4		2	1	2	1	2			1	1		
Females		1	2	2	2	3	2	3	3	1	1			20	17	19	9	4	8	"	4	3		2	2	2	1	1	3		2							
Males																			1	Adenitis																		
Males																			1	Amputation of Arm																		
Males																			1	Amputation of Feet																		
Males				1				1	1			1		4	3				1	Amputation of Leg					1			1			1			1				
Females																			1	" " "																		
Males																	2	5		Amputation																		
Females																	1	2	1	"																		
Males															2	4		1		Anæmia																		
Females				1							2			3	1	4	3	1	1	"			1		1						1							
Males															2	1	1	1	1	Aneurism																		

Females															1						Aneurism																			
Totals						2								2		2	5	1	1		Angina Pectoris														1	1				
Males						1								1		1	5	1	1		" "															1				
Females						1								1		1					" "														1				
Totals	8	11	15	12	12	13	14	14	11	18	12	18		158	116	130	85	87	110		Apoplexy	3		1	1	2	1	4	3	8	8	20	8	19	21	24	16	13	6
Males	7	8	6	6	7	9	8	4	7	13	8	10		93	68	81	39	43	69		"	3			1	2	1	3	3	2	7	6	5	11	14	13	9	9	4
Females	1	3	9	6	5	4	6	10	4	5	4	8		65	48	49	46	44	41		"			1				1		6	1	14	3	8	7	11	7	4	2
Totals	4	6	12	3	7	5	7	3	1	2	6	10		66	62	6	51	48	36		Asthma			2	1	1	1	1		1	4	1	6	7	11	13	12	5	
Males	4	3	9	2	3	3	5	3	1	2	1	6		42	35	39	29	32	17		"			2		1	1	1		1	3	1	5	3	4	10	6	4	
Females		3	3	1	4	2	2				5	4		24	27	22	22	16	19		"				1							1		1	4	7	3	6	1	
Males																			1		Atrophy																			
Females																			2		"																			
Totals					2	1						1		4	4	1	1	1	4		Birth, Injury at	4																	
Males						1						1		2	1	1	1	1	3		" " "	2																	
Females					2									2	3				1		" " "	2																	
Totals		2	2	3	2	2	2	6	2	5	7	5		38	56	53	47	55	41		Birth, Premature	38																	
Males		2	1	3	2	1	2	4			3	2		20	38	22	33	29	24		" "	20																	
Females			1			1		2	2	5	4	3		18	18	28	13	25	16		" "	18																	
Unknown																3	1	1	1		" "																		
Totals		1						2			1			4	4	5	4	1	3		Bladder, Disease of											1	1			1	1		
Males		1						1			1			3	3	4	2	1	3		" " "												1			1	1		
Females								1						1	1	1	2				" " "											1							
Males	2	1	1		2	5	2	2	3	2	1	2		23	13	12	14	4	9		Bladder, Inflammation of	3		1							1	1	1	3	5		1	7	
Females															2		3	2			" " "																		
Unknown																			1		" " "																		
Males															1			2			Bladder, Rupture of																		
Totals	1	1	3	1	3		1	5	1	2	2	1		21	19	34	32	26	36		Bowels, Consumption of	6	1			4	2	2	1		1	1	1	1		1		

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																					
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	...	...	1	...	2	...	1	3	...	2	1	...	...	10	9	18	21	10	15	Bowels, Consumption of	3	1	...	...	2	...	1	1	...	...	...	1	...	...	1	...	...	...
Females	1	1	2	1	1	...	...	2	1	...	1	1	...	14	10	16	11	16	21	" " "	3	...	...	...	2	2	1	...	...	1	1	...	1	...	...	...	...	...
Totals	2	1	3	3	1	5	4	5	8	9	2	3	...	46	25	45	46	45	46	Bowels, Disease of	23	...	2	...	2	2	1	3	...	...	...	1	1	3	4	2	1	1
Males	...	...	2	1	1	4	3	3	3	2	2	3	...	24	14	20	28	30	31	" " "	12	...	2	...	...	1	...	...	...	...	...	1	1	1	3	2	1	...
Females	2	1	1	2	...	1	1	2	5	7	...	...	...	22	11	25	18	15	15	" " "	11	...	...	...	2	1	1	3	...	...	...	...	...	2	1	...	...	1
Totals	20	13	22	25	24	19	23	43	39	38	28	33	...	327	324	350	294	276	342	Bowels, Inflammation of	147	16	14	17	15	14	11	12	9	14	10	8	9	13	5	6	6	1
Males	11	10	16	15	10	7	13	24	16	19	14	13	...	168	169	185	152	154	188	" " "	84	9	6	11	4	6	4	4	4	8	5	6	4	7	1	2	3	...
Females	9	3	6	10	14	12	10	19	23	19	14	20	...	159	155	165	142	121	153	" " "	63	7	8	6	11	8	7	8	5	6	5	2	5	6	4	4	3	1
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	" " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Males	2	...	...	...	...	...	...	...	...	...	1	...	...	3	5	5	1	6	1	Bowels, Obstruction of	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...
Females	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	3	4	2	" " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	...	...	...	...	...	...	1	1	...	...	...	...	2	2	2	2	3	6	Bowels, Rupture of	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...
Males	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	2	1	3	4	" " "	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Females	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	1	...	2	" " "	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	...	...	...	...	1	...	...	1	1	...	1	...	4	3	5	4	5	3	Bowels, Ulceration of	2	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...
Males	...	...	...	...	...	1	...	...	...	1	...	...	...	2	1	4	2	4	2	" " "	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Females	...	...	...	...	...	...	...	...	1	...	...	1	...	2	2	1	2	1	1	" " "	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Males	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	2	1	...	Brain, Compression of	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Females	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	" " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	1	...	1	...	...	...	1	...	1	...	...	...	4	12	11	5	7	2	Brain, Concussion of	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Males	...	1	...	1	...	...	...	...	...	1	...	...	...	3	9	11	3	7	1	" " "	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1

Females	---	---	---	---	---	---	---	1	---	---	---	---	--	1	3	---	2	---	1	Brain, Concussion of	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	8	12	16	12	14	11	6	20	15	9	9	14	--	146	175	158	134	152	171	Brain, Disease of	92	6	5	2	2	3	2	---	1	4	5	5	4	3	4	4	1	3
Males	5	5	9	5	10	5	4	10	7	5	5	12	--	82	103	92	77	86	90	" " "	53	4	2	---	---	1	2	---	1	1	2	4	1	3	2	3	1	2
Females	3	7	7	7	4	6	2	10	8	4	4	2	--	64	72	66	57	65	81	" " "	39	2	3	2	2	2	---	---	---	3	3	1	3	--	2	1	--	1
Unknown	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	1	---	" " "	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	16	20	26	31	27	23	32	38	32	24	29	34	--	332	296	310	293	276	361	Brain, Inflammation of	235	25	13	9	13	4	2	4	5	2	3	2	4	3	1	1	2	4
Males	9	8	13	16	15	11	19	15	18	12	16	20	--	172	157	177	163	156	192	" " "	124	13	9	4	6	---	1	1	3	---	2	2	2	3	---	---	---	---	2
Females	7	12	13	15	12	12	13	23	14	12	13	14	--	160	139	133	130	120	169	" " "	111	12	4	5	7	4	1	3	2	2	1	---	2	--	1	1	2	2
Totals	1	---	2	2	1	3	2	1	2	1	1	1	--	17	20	11	4	12	7	Brain, Paralysis of	---	---	---	1	1	1	1	---	1	1	---	1	2	4	4	---	---	---	---
Males	---	---	1	2	---	---	1	1	1	---	1	1	--	8	10	5	3	7	3	" " "	---	---	---	---	---	1	1	---	1	---	---	---	1	1	3	---	---	---	---
Females	1	---	1	---	1	3	1	---	1	1	---	---	--	9	10	6	1	5	4	" " "	---	---	---	1	1	---	---	---	---	1	---	1	1	3	1	---	---	---	---
Totals	2	2	4	6	2	1	5	2	---	2	---	4	--	30	36	40	22	36	23	Brain, Softening of	---	---	---	---	---	2	---	4	3	5	---	2	4	2	4	4	---	---	---
Males	2	2	2	6	1	1	4	2	--	2	---	4	--	26	27	28	16	22	15	" " "	---	---	---	---	---	1	---	4	3	4	--	2	2	2	4	4	---	---	---
Females	---	---	2	---	1	---	1	---	---	---	---	---	--	4	9	12	6	14	8	" " "	---	---	---	---	--	1	---	---	---	1	---	--	2	--	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	1	1	Breast Disease	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	1	---	1	---	---	---	---	---	---	---	---	--	2	---	---	---	1	---	" "	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	5	1	4	Bronchitis, Capillary	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	1	---	---	---	---	---	---	1	---	---	---	--	2	1	---	1	2	2	" "	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	3	---	---	2	2	Bronchitis, Chronic	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	---	1	---	---	1	---	--	2	1	---	---	---	1	" "	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	--
Totals	7	10	10	12	10	5	2	5	7	11	7	9	--	95	109	98	83	98	61	Bronchitis	63	1	---	---	2	2	3	4	--	1	1	3	3	4	4	2	2	--
Males	3	8	7	8	6	1	1	4	1	6	5	6	--	56	63	54	44	55	33	"	35	1	---	---	2	1	3	1	---	1	1	3	2	3	2	--	1	--
Females	4	2	3	4	4	4	1	1	6	5	2	3	--	39	46	44	39	43	28	"	28	---	---	---	---	1	---	3	---	---	---	---	1	1	2	2	1	--
Totals	---	4	3	4	1	3	3	3	2	3	4	6	--	36	35	48	45	31	144	Burns	8	8	2	2	1	2	2	1	3	1	---	1	--	2	1	1	1	--
Males	---	3	1	2	1	3	3	1	1	---	2	4	--	21	14	23	19	13	69	"	7	2	1	---	1	1	1	1	3	1	---	1	--	---	---	1	1	--
Females	---	1	2	2	---	---	---	2	1	3	2	2	--	15	21	25	26	18	75	"	1	6	1	2	---	1	1	---	---	---	---	---	---	2	1	---	---	--
Totals	20	15	25	32	37	35	41	36	36	41	36	37	--	391	403	361	383	301	310	Cancer	13	---	---	6	5	4	14	20	29	34	34	57	50	45	35	20	19	6

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	7	6	16	13	15	11	16	18	20	15	15	19	..	171	183	173	160	139	112	Cancer	7	...	...	2	1	1	3	8	4	9	11	24	28	23	24	15	8	3
Females	13	9	9	19	22	24	25	18	16	26	21	18	..	220	220	188	223	162	198	"	6	...	...	4	4	3	11	12	25	25	23	33	22	2	11	5	11	3
Totals	...	...	...	2	1	2	3	2	8	2	3	2	..	25	15	37	21	29	44	Canker (Noma)	21	...	...	...	...	...	1	1	...	1	...	1	...	...	...	...	...	..
Males	...	...	...	...	1	1	1	1	2	1	2	...	..	9	7	20	15	12	21	" "	8	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..
Females	...	...	...	2	...	1	2	1	6	1	1	2	..	16	8	17	8	17	23	" "	15	..	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	1	...	3	Capsule, Renal	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1	...	1	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	...	...	...	1	...	...	...	...	1	...	1	1	..	4	5	3	5	4	2	Carbuncle	...	...	...	...	...	...	...	1	...	...	...	...	...	2	1	...	...	..
Males	...	...	...	1	...	...	...	...	1	...	...	1	..	3	3	3	2	4	1	"	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	1	...	..	1	2	...	3	...	1	"	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..
Totals	21	23	27	25	16	30	35	38	21	38	45	29	2	350	297	305	306	268	325	Casualty	28	15	10	35	40	31	27	25	22	22	19	17	13	13	9	7	7	10
Males	19	22	19	21	13	24	31	35	19	34	41	25	2	305	255	261	274	235	297	"	16	12	9	32	40	30	27	24	19	22	15	14	11	10	6	5	3	10
Females	2	1	8	4	3	6	4	3	2	4	4	4	..	45	42	44	32	33	2[illegible]	"	12	3	1	3	...	1	...	1	3	...	4	3	2	3	3	2	4	..
Totals	...	2	2	...	1	2	2	2	...	1	2	2	..	16	16	11	9	6	9	Catarrh	7	1	...	...	...	...	...	1	3	...	2	...	...	...	1	...	...	1
Males	...	2	2	...	...	2	1	2	...	1	1	2	.	13	6	6	4	3	6	"	7	1	...	...	...	...	...	1	1	...	2	...	...	...	1	...	...	..
Females	...	...	...	...	1	...	1	...	...	...	1	...	..	3	10	5	5	3	3	"	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	2	...	...	...	Cellulitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	...	...	...	...	...	1	1	...	...	...	...	...	..	2	...	1	...	1	3	Chest Disease	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Males	...	...	...	...	...	...	1	...	...	...	...	...	..	1	...	...	...	1	2	" "	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	1	...	...	...	...	...	...	..	1	...	1	...	...	1	" "	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Males	...	...	...	...	...	1	...	...	...	...	...	...	..	1	3	...	1	1	3	Chicken-pox	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..

Females															1	1	1			Chicken-pox																				
Females	19	12	20	28	23	13	22	16	12	16	13	18	1	213	217	222	221	199	192	Child-birth				25	44	64	25	31	11	3		2								8
Totals	2		2	2	3	3	1			4		4		21	38	44	45	48	82	Chills, Congestive	5	2	1	2			3	1		1	1	2	1		1		1	
Males	1		2	1	1	2				3				10	17	24	21	27	44	" "	4	1		2			1				1						1	
Females	1			1	2	1	1			1		4		11	21	20	24	21	38	" "	1	1	1				2	1		1		2	1		1			
Males						1								1	1		1	2	2	Choking	1																	
Females															1	2	1	2	3	"																		
Totals	4	7	5	9	15	15	80	209	195	61	31	21	1	653	360	781	465	428	857	Cholera Infantum	635	4																14
Males	1	3	4	6	10	8	39	111	105	33	17	10	1	348	199	435	270	221	462	" "	335	3																10
Females	3	4	1	3	5	7	41	98	90	28	14	11		305	161	314	195	207	391	" "	300	1																4
Unknown																2			4	" "																		
Totals			2		1	4	5	17	4	5	2	2		42	42	50	24	37	69	Cholera Morbus	15	2	2	1	3	2	3		1	1	1	1	2	2	1	2	2	1
Males						1	2	8	2	4	1	2		20	24	26	15	26	40	" "	6	1		1	2		1		1	1	1	1	2	1	1			1
Females			2		1	3	3	9	2	1	1			22	18	24	8	11	29	" "	9	1	2		1	2	2							1		2	2	
Unknown																	1			" "																		
Males																	2	6	10	Cholera																		
Females																	1	7	7	"																		
Males															1	2	3		1	Chorea																		
Females					1					1				2	5	2	3	2	4	"		1		1														
Males																1			1	Cirrhosis																		
Totals			1							1				2	1			1		Closing Pyloric Orifice								1				1						
Males										1				1	1					" " "												1						
Females			1											1				1		" " "								1										
Totals	2	1	2	3		1		4	7	5	4	4		33	46	13	19	30	16	Cold	27	1				1	1					2				1	
Males	1		1	1		1		2	5	2	2	2		17	29	4	12	19	4	"	14	1				1	1										
Females	1	1	1	2				2	2	3	2	2		16	17	9	7	11	12	"	13											2				1	
Males							1							1	2		4	1	1	Colic, Bilious								1									

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	---	---	---	---	---	---	---	---	---	---	---	---	--	---	2	---	2	1	1	Colic, Bilious	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	---	---	1	2	1	---	---	1	---	2	1	1	--	9	17	19	14	15	16	Colic	5	1	---	---	---	---	1	---	---	---	---	1	1	---	---	---	---
Males	---	---	1	---	1	---	---	1	---	1	1	1	--	6	12	11	7	12	13	"	4	---	---	---	---	---	1	---	---	---	---	--	1	---	---	---	---	---
Females	---	---	---	2	---	---	---	---	---	1	---	---	--	3	5	8	7	3	3	"	1	1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---
Males	---	---	1	---	---	---	---	---	---	---	---	---	--	1	---	1	---	---	3	Constipation	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---
Females	---	---	---	---	---	---	---	---	---	---	---	---	-	---	---	1	---	---	1	"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	119	127	187	182	182	160	157	167	199	182	179	206	4	2051	1964	2198	1992	1804	1954	Consumption	104	20	44	185	269	270	194	162	139	126	115	97	102	74	58	31	21	40
Males	70	63	88	79	88	72	77	84	78	76	75	98	2	950	935	1025	912	832	905	"	54	9	13	58	111	102	81	83	72	65	62	57	56	44	33	20	12	18
Females	49	64	99	103	94	88	80	83	121	106	104	108	2	1101	1028	1173	1080	972	1049	"	50	11	31	127	158	168	113	79	67	61	53	40	46	30	25	11	9	22
Unknown	---	---	---	---	---	---	---	---	---	---	---	---	--	---	1	---	---	---	---	"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	26	29	32	37	31	32	35	47	43	36	33	50	--	431	452	436	344	356	337	Convulsions	376	8	5	2	6	9	2	4	1	3	2	1	1	1	1	1	2	6
Males	15	18	15	20	11	15	25	25	23	21	17	24	--	229	266	228	174	198	184	"	208	4	---	---	1	3	1	2	1	2	---	1	---	1	--	1	--	4
Females	11	11	17	17	20	17	10	20	20	15	16	26	--	200	186	206	170	158	153	"	167	4	5	2	5	6	1	2	---	1	2	--	1	--	1	--	2	1
Unknown	---	---	---	---	---	---	---	2	---	---	---	--	--	2	---	2	---	---	---	"	*1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	5	---	---	---	Cough	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	2	---	---	---	"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	12	8	16	4	1	3	2	6	---	14	20	17	1	104	46	40	52	46	64	Croup, Membranous	78	16	7	---	---	---	1	---	---	---	---	---	---	---	---	---	---	2
Males	3	3	10	2	1	2	2	4	---	11	10	9	--	57	28	24	27	29	39	" "	41	12	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--
Females	9	5	6	2	---	1	---	2	---	3	10	8	1	47	18	16	25	17	25	" "	37	4	3	---	---	---	1	---	---	---	---	---	---	---	---	---	---	2
Totals	23	25	31	20	15	22	22	12	15	26	44	39	2	296	291	285	284	303	316	Croup	248	40	2	---	---	---	1	---	---	---	---	---	---	---	---	---	1	4
Males	11	14	19	13	6	10	13	7	8	9	22	21	2	155	157	142	154	183	190	"	124	26	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4

Females	12	11	12	7	9	12	9	5	7	17	22	18	..	141	134	143	130	120	126	Croup	124	14	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	..
Totals	...	1	..	..	1	...	..	...	...	...	...	...	..	2	2	...	...	4	1	Cyanosis	2	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	..	..
Males	...	1	..	..	..	...	..	...	...	...	...	...	..	1	2	...	...	1	1	"	1	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	..	..
Females	...	...	..	...	1	...	..	...	...	...	...	...	..	1	...	...	...	3	...	"	1	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	..	..
Totals	3	2	2	3	...	3	2	2	2	7	2	2	..	30	13	...	...	5	3	Debility, Nervous	1	...	...	1	2	1	2	4	...	...	3	4	1	5	2	3	1	..
Males	...	1	..	...	...	1	..	1	2	3	...	1	..	9	5	...	...	2	1	" "	...	...	...	...	...	...	.	1	...	...	2	...	...	2	2	1	1	..
Females	3	1	2	3	...	2	2	1	...	4	2	1	..	21	8	...	...	3	2	" "	1	...	...	1	2	1	2	3	..	...	1	4	1	3	.	2	..	..
Totals	10	10	17	17	20	16	19	26	23	18	18	24	..	218	282	287	274	191	222	Debility	94	3	1	1	..	1	3	2	1	4	8	8	14	20	19	19	17	3
Males	3	7	6	12	11	12	10	15	15	9	8	17	..	125	158	130	141	115	121	"	62	1	1	...	..	1	1	1	...	1	4	4	6	13	9	12	8	1
Females	7	3	11	5	9	4	9	11	8	9	10	7	..	93	121	157	133	76	101	"	32	2	...	1	..	...	2	1	1	3	4	4	8	7	10	7	9	2
Unknown	...	...	..	...	...	...	..	...	...	...	...	...	..	...	3	...	...	...	...	"	...	...	...	...	..	...	.	...	...	...	...	...	...	...	...	...	..	..
Males	...	...	..	...	...	...	2	...	1	...	...	...	..	3	1	3	8	4	4	Delirium Tremens	...	...	...	1	..	...	1	1	...	...	...	...	...	...	...	...	..	..
Females	...	...	..	...	...	...	..	...	...	...	...	...	..	..	3	...	1	..	1	" "	...	...	...	...	..	...	.	...	...	...	...	...	...	...	...	...	..	..
Totals	5	2	5	6	3	8	7	6	10	4	5	7	..	68	65	49	58	52	49	Diabetes	1	1	6	3	2	7	3	3	3	6	1	6	3	7	7	4	5	..
Males	3	1	3	4	2	4	5	3	6	3	5	7	..	46	37	33	44	33	36	"	...	...	4	3	1	1	3	3	1	5	...	4	2	7	6	2	4	..
Females	2	1	2	2	1	4	2	3	4	1	..	...	.	22	28	16	14	19	13	"	1	1	2	...	1	6	.	...	2	1	1	2	1	..	1	2	1	..
Totals	1	...	1	3	1	...	..	1	5	...	1	2	..	15	22	23	17	10	21	Diarrhea, Chronic	3	...	...	1	1	...	.	...	1	1	1	2	...	2	2	1	..	..
Males	1	...	1	2	...	...	..	1	4	.	...	2	..	11	15	20	13	5	13	" "	2	...	...	...	..	...	.	...	1	1	1	2	...	2	2	.	..	..
Females	...	...	..	1	1	...	..	...	1	...	1	...	..	4	7	3	4	5	8	" "	1	...	...	1	1	...	.	...	...	...	...	...	...	..	..	1	..	..
Totals	3	3	4	6	12	11	58	127	88	34	8	8	1	363	239	386	250	249	480	Diarrhea	339	7	1	...	1	1	1	1	...	2	...	..	1	..	3	..	2	4
Males	1	2	2	2	4	9	30	75	40	13	3	4	1	186	151	221	133	139	275	"	174	2	...	...	1	1	.	1	...	1	...		1	..	2	..	1	2
Females	2	1	2	4	8	2	28	52	48	21	5	4	..	177	88	164	117	110	205	"	165	5	1	...	..	...	1	...	...	1	...	..	...	..	1	..	1	2
Unknown	...	...	..	...	...	...	..	...	...	...	...	...	..	...	...	1	...	...	...	"	...	...	...	...	..	...	.	...	...	...	...	...	...	...	...	...	..	..
Totals	92	93	85	61	69	81	66	73	81	134	132	147	3	1117	1051	1065	1007	416	2063	Diphtheria	489	356	135	74	24	15	3	2	...	2	2	..	2	2	1	..	1	9
Males	53	40	42	34	35	40	32	41	47	64	56	67	2	553	503	501	500	671	1030	"	250	168	66	41	13	4	2	...	...	2	2	..	...	..	1	..	1	3
Females	39	53	45	27	34	41	34	32	34	70	76	80	1	564	551	563	507	745	1030	"	239	188	69	33	11	11	1	2	...	...	...	..	2	2	..	..	..	6
Unknown	...	...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	...	...	3	"	...	...	...	...	..	...	.	...	...	...	...	...	...	...	...	...	..	..

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	1	1	...	Drinking Cold Water	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	1	1	...	...	...	...	1	...	1	...	...	1	..	5	1	3	2	5	2	Dropsy of Bowels	...	...	...	...	...	...	...	2	...	...	...	1	2	...	...	...	...	..
Males	1	...	...	...	...	..	1	...	...	...	...	...	..	2	1	3	1	1	...	" "	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	..
Females	...	1	...	...	...	...	...	...	1	...	...	1	..	3	...	...	1	4	2	" "	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	..
Totals	...	2	3	4	2	...	1	8	5	5	4	...	.	34	27	41	38	35	54	Dropsy of Brain	30	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	..
Males	...	1	...	2	...	...	...	5	1	4	1	...	..	14	12	19	24	20	31	" "	12	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	1	3	2	2	...	1	3	4	1	3	...	.	20	15	22	14	15	23	" "	18	..	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	..
Males	...	...	...	...	...	...	...	...	...	...	1	...	..	1	1	1	6	2	4	Dropsy of Chest	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	5	1	3	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	2	7	6	3	7	3	4	4	4	6	10	8	..	64	69	70	73	64	100	Dropsy of Heart	1	5	2	2	1	...	3	2	1	4	3	5	9	7	9	8	2	..
Males	1	5	1	1	5	1	1	2	...	3	5	4	..	29	38	30	35	36	42	" "	...	1	...	1	...	...	...	...	...	2	3	2	5	4	5	4	2	..
Females	1	2	5	2	2	2	3	2	4	3	5	4	..	35	31	40	38	28	58	" "	1	4	2	1	1	..	3	2	1	2	...	3	4	3	4	4	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	1	...	Dropsy of Kidneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	...	...	2	...	...	...	...	...	...	...	1	...	..	3	...	1	...	...	1	Dropsy of Liver	...	...	...	...	...	...	...	...	...	1	...	1	..	1	...	...	...	..
Males	...	...	1	...	...	...	...	...	...	...	1	...	..	2	...	1	...	...	...	" "	...	...	...	...	...	...	...	...	...	1	...	1	..	...	...	...	...	..
Females	...	...	1	...	...	...	...	...	...	...	...	...	..	1	...	...	...	...	1	" "	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	Dropsy, Scarlatinal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	31	23	24	34	23	35	21	30	30	29	22	30	1	333	330	324	296	317	283	Dropsy (unspecified)	12	5	6	4	4	8	10	13	11	23	20	28	44	52	45	27	16	5
Males	14	8	13	18	11	12	11	6	12	11	9	12	1	138	147	142	145	161	135	" "	7	2	2	3	2	4	2	4	3	7	11	8	15	20	28	9	9	2
Females	17	15	11	16	12	23	10	24	18	18	13	18	..	195	183	182	151	156	148	" "	5	3	4	1	2	4	8	9	8	16	9	20	29	32	17	18	7	3

Totals	...	1	4	9	16	24	21	18	11	11	20	9	..	144	132	150	158	140	125	Drowning	18	21	15	15	9	14	9	9	3	7	2	1	2	2	2	3	..	12
Males	...	1	3	6	13	22	20	16	9	11	20	8	..	129	125	128	138	126	111	"	13	17	15	14	8	14	7	9	3	6	2	1	2	2	2	3	..	11
Females	...	...	1	3	3	2	1	2	2	...	...	1	..	15	7	22	20	13	14	"	5	4	..	1	1	...	2	...	...	1	..	..	..	..	..	..	..	1
Unknown	...	...	...	...	..	...	...	...	...	...	...	..	..	...	..	..	...	1	...	"	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..
Totals	...	...	...	...	1	...	...	...	...	1	1	1	..	4	1	..	3	3	...	Dysentery, Chronic	1	..	...	1	...	...	...	...	1	..	..	..	..	1	..	..	..	..
Males	...	...	...	...	1	...	...	...	...	1	...	1	..	3	1	...	2	3	...	" "	1	...	...	1	..	...	...	...	1	..	..	..	..	..	..	..	..	..
Females	...	...	...	...	..	...	...	...	...	...	1	..	..	1	..	..	1	...	...	" "	...	...	...	...	...	...	...	...	...	..	..	..	1	..	..	..	..	..
Totals	4	2	3	3	4	8	18	40	43	22	5	2	..	154	104	160	111	93	270	Dysentery	125	5	1	...	2	2	...	2	2	1	..	..	2	2	3	2	4	1
Males	...	2	1	2	1	5	12	19	24	12	1	1	..	80	51	82	66	53	140	"	69	2	...	...	1	2	...	1	...	..	..	..	..	..	1	2	2	..
Females	4	...	2	1	3	3	6	21	19	10	4	1	..	74	52	78	44	40	130	"	56	3	1	...	1	...	...	1	2	1	..	..	2	2	2	..	2	1
Unknown	...	...	...	...	..	...	...	...	...	...	...	..	..	...	1	..	1	...	...	"	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..
Totals	1	...	...	1	...	1	...	...	2	4	...	4	..	13	18	19	30	19	21	Dyspepsia	2	...	...	...	...	...	...	...	...	1	2	1	3	3	1	..	..	..
Males	1	...	...	...	...	...	...	..	2	2	...	3		8	11	12	18	14	10	"	1	...	...	...	...	...	...	...	...	..	2	1	2	1	1	..	..	..
Females	...	...	...	1	...	1	...	...	...	2	...	1	..	5	7	7	12	5	11	"	1	...	...	...	..	...	...	...	...	1	..	..	1	2	..	..	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	..	..	...	2	...	2	...	1	Embolism	...	...	..	...	...	..	...	...	...	..	..	..	..	..	..	..	..	..
Females	...	...	...	...	...	...	1	...	...	1	...	..	..	2	2	..	2	...	3	"	...	...	...	...	...	...	...	...	...	1	..	1	..	..	..	..	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	..	...	2	1	Emphysema	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..
Totals	6	3	4	5	7	4	2	2	5	3	3	5	..	49	50	43	45	48	63	Epilepsy	8	2	1	4	2	1	2	4	6	5	1	2	1	4	4	..	..	2
Males	5	1	4	3	4	2	2	1	2	1	2	3	..	30	33	32	30	25	41	"	4	1	1	2	1	1	2	3	3	3	1	..	1	2	4	..	..	1
Females	1	2	...	2	3	2	...	1	3	2	1	2	..	19	17	11	15	23	22	"	4	1	...	2	1	...	...	1	3	2	..	2	..	2	..	..	..	1
Totals	9	6	7	9	2	5	3	4	6	6	2	4	..	63	68	71	85	82	86	Erysipelas	15	1	1	3	1	1	2	1	2	2	6	5	3	2	6	4	3	5
Males	3	3	4	7	2	3	2	2	4	3	1	4	..	38	35	49	45	45	52	"	8	1	...	3	1	...	1	...	...	1	5	5	1	1	5	3	1	2
Females	6	3	3	2	...	2	1	2	2	3	1	..	..	25	33	22	40	37	34	"	7	...	1	...	...		1	1	2	1	1	..	2	1	1	1	2	3
Males	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	12	8	17	...	Exhaustion	...	...	...	...	...		...	...	...	..	..	..	..	..	..	..	..	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	5	5	11	...	"	...	...	...	...	...		...	...	...	...	..	..	..	..	..	..	..	..
Males	...	...	...	1	...	...	...	...	...	1	...	...	..	2	1	4	5	8	1	Exposure	...	...	...	...	...		...	...	1	...	1	..	..	..	..	..	..	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	5	1	4	1	"	...	...	...	...	...		...	...	...	...	..	..	..	..	..	..	..	..

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	---	---	2	1	---	2	---	1	1	1	3	6	--	17	25	19	17	17	20	Falling Tree	---	1	---	2	3	3	2	---	---	---	1	---	---	2	---	---	---	3
Females	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	2	---	---	---	" "	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	---	---	2	---	4	1	3	1	5	1	3	2	--	22	24	38	28	31	62	Fever, Bilious	3	1	---	3	2	2	1	2	2	---	1	1	3	---	1	---	---	---
Males	---	---	1	---	3	1	2	---	3	1	2	---	--	13	14	20	16	12	35	" "	1	1	---	2	1	1	1	1	1	---	---	---	3	---	1	---	---	---
Females	---	---	1	---	1	---	1	1	2	---	1	2	--	9	10	18	12	19	27	" "	2	---	---	1	1	1	---	1	1	---	1	1	---	---	---	---	---	---
Totals	---	1	2	1	1	---	---	---	---	---	---	1	--	6	5	5	6	5	13	Fever, Catarrhal	3	1	---	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---
Males	---	---	1	1	---	---	---	---	---	---	---	1	--	3	1	3	3	2	7	" "	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---
Females	---	1	1	---	1	---	---	---	---	---	---	---	--	3	4	2	3	3	6	" "	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	1	2	---	2	1	Fever, Congestive	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	---	---	---	---	---	1	--	1	---	---	1	1	1	" "	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	3	1	Fever, Continued	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	1	---	" "	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	---	---	---	---	1	---	1	1	---	---	1	2	--	6	6	6	6	14	14	Fever, Gastric	---	2	---	---	1	1	1	---	---	---	---	---	---	1	---	---	---	---
Males	---	---	---	---	1	---	---	---	---	---	1	2	--	4	1	1	2	6	7	" "	---	2	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---
Females	---	---	---	---	---	---	1	1	---	---	---	---	--	2	5	5	4	8	7	" "	---	---	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---
Totals	4	2	---	1	---	2	---	4	---	6	3	3	--	25	18	21	21	34	45	Fever, Intermittent	11	1	4	1	1	---	1	1	---	---	---	1	---	1	---	1	1	1
Males	---	---	---	1	---	1	---	3	---	1	2	2	--	10	5	10	12	25	19	" "	6	---	1	1	---	---	---	1	---	---	---	1	---	---	---	---	---	---
Females	4	2	---	---	---	1	---	1	---	5	1	1	--	15	13	11	9	9	26	" "	5	1	3	---	1	---	1	---	---	---	---	---	---	1	---	1	1	1
Totals	9	2	9	6	7	12	12	15	14	17	10	6	1	120	84	115	81	98	102	Fever, Malarial	32	13	11	13	13	10	5	2	4	5	---	3	1	2	2	3	---	1
Males	3	1	1	3	5	8	7	9	5	12	6	4	--	64	42	53	41	48	45	" "	23	2	6	7	5	5	3	---	1	3	---	2	1	2	1	3	---	---
Females	6	1	8	3	2	4	5	6	9	5	4	2	1	56	41	62	40	50	57	" "	9	11	5	6	8	5	2	2	3	2	---	1	---	---	1	---	---	1

Unknown															1				
Females																			1
Females				1				1	1		1	1		5	1	1	1	2	3
Males																			2
Totals			1			1			1					3	2	3	3	3	2
Males						1								1	1	1	2		1
Females			1						1					2	1	2	1	3	1
Totals						1					1			2	2	6	6	4	9
Males						1								1	2	4	5	2	5
Females											1			1		2	1	2	4
Totals	2		1				1	1	1			1		7	8	9	12	10	10
Males	1		1					1	1					4	6	4	4	3	7
Females	1						1					1		3	2	5	8	7	3
Totals	4	7	7	1	5	2	8	4	16	9	6	8		77	74	107	104	97	136
Males	2	2	1		4	1	4	1	8	3	4	3		33	42	62	61	52	72
Females	2	5	6	1	1	1	4	3	8	6	2	5		44	32	45	43	45	64
Totals			1	1							1			3	3	1	3	2	9
Males			1											1	2	1	2		5
Females				1							1			2	1		1	2	4
Totals	23	22	27	22	21	10	24	47	92	90	70	45	2	498	387	514	439	463	884
Males	14	15	16	7	13	6	13	22	50	47	34	25		262	210	261	252	269	491
Females	9	7	11	15	8	4	11	25	42	43	36	23	2	236	176	252	187	193	393
Unknown															1	1		1	
Totals		2	1	2	1		2	3	5	5	3	1		25	7	29	11	32	49
Males		1	1	2			2	1	5	1	2			15	5	17	9	19	23
Females		1			1			2		4	1	1		10	2	12	2	13	26
Totals	1				1									2	1	5	11	10	19

Fever, Malarial																			
Fever, Menstrual																			
Fever, Milk					1	2	1		1										
Fever, Mountain																			
Fever, Nervous	1	1					1												
" "		1																	
" "	1						1												
Fever, Remittent	1						1												
" "	1																		
" "							1												
Fever, Rheumatic	1		1	1					1				1				1	1	
" "	1			1									1					1	
" "			1						1								1		
Fever, Spinal	56	6	3	2	1	1	1		1	2	3								1
" "	24	5	1	1						1	1								
" "	32	1	2	1	1	1	1		1	1	2								1
Fever, Spotted	2		1																
" "	1																		
" "	1		1																
Fever, Typhoid	37	27	47	86	73	58	38	26	17	10	13	16	4	11	8	6	7	14	
" "	24	8	16	34	49	31	22	14	8	4	8	9	4	6	5	5	6	9	
" "	13	19	31	52	24	27	16	12	9	6	5	7		5	3	1	1	5	
" "																			
Fever, Typho-malarial	1		2	6	2	4	2			2		3	2	1					
" "	1		1	3	2	2	2			1		2	1						
" "			1	3		2				1		1	1	1					
Fever, Typhus								1		1									

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males	1													1			7	6	10	Fever, Typhus								1										
Females					1									1	1	5	4	4	9	" "										1								
Totals	6	7	8	2	5	8	4	9	8	9	10	6	3	85	58	79	73	71	96	Fever, (unspecified)	33	7	3	5	8	5	1	3		1	1	3	2	6	1		1	5
Males	3	1	5	1		3	1	5	3	4	4	3	3	36	20	43	37	34	55	" "	11	4	2	2	4	3		2			1	1	1	2	1			2
Females	3	6	3	1	5	5	3	4	5	5	6	3		49	38	36	36	37	41	" "	22	3	1	3	4	2	1	1		1		2	1	4			1	3
Totals		1		1						1				3	1					Fistula				1		1											1	
Males				1										1	1					"				1														
Females		1								1				2						"						1											1	
Males																1		1		Fracture of Arm																		
Totals					1			1		2		1		5	2	12	7	9	7	Fracture of Leg				1	1								1				2	
Males								1		1				2	2	6	6	2	6	" " "				1													1	
Females					1					1		1		3		6	1	7	1	" " "					1								1				1	
Males		1												1	3	2	2	3		Fracture of Neck						1												
Females															1	1				" " "																		
Totals	2	1	1	3		1	2		1	1	1			13	5	6	10	2	5	Fracture of Skull			1	1	4		2	1		1	1	1				1	
Males	2	1	1	2		1	2		1	1	1			12	5	6	8	1	5	" " "			1	1	4		2	1		1	1	1					
Females				1										1			2	1		" " "																1	
Males				1	1									2	1	1	3	4	4	Fracture of Spine	1							1									
Females																		2		" " "																	
Totals	1		2											3	3	2	2	1	1	Fracture												1		1	1		
Males	1													1		2	1	1	1	"																1		

Females			2											2	3		1			Fracture															1		1			
Totals		1	1								1	2		5	6	1		3	2	Freezing		1					1		1		1				1			
Males			1								1	2		4	6	1		3	2	"		1					1				1				1			
Females		1												1						"									1									
Males															1				1	Fright																		
Females												1		1	1	1	1		1	"										1								
Totals		1	1	1					1	1	1	1		7	9	5	2	3	2	Gall-stone										1			2	2	1		1	
Males		1	1	1							1	1		5	3	1	2		2	" "													2	1	1		1	
Females									1	1				2	6	4		3		" "										1				1				
Totals		1	1	2	4	2	2	2	1	2	1	3		21	20	16	18	1	5	Gangrene			1		2			1	1		1		3		5	4	3	
Males		1		1	2	1	1	2	1	2		3		14	13	7	10	1	3	"			1		2								2		3	3	3	
Females			1	1	2	1	1				1			7	7	9	8		2	"								1	1		1		1		2	1		
Males						1								1	1	1	1	1		Glandular Disease								1										
Females															1	1				" "																		
Females																		1	1	Goitre																		
Females																			1	Gonorrhea																		
Males															1	1				Gout																		
Females															1					"																		
Totals	2		1	1	1		1	2		3				11	21	15	16	4	14	Gravel	1				1								1	3	2	1		2
Males	1				1		1	2		2				7	19	14	14	4		"													1	2	1	1		2
Females	1		1	1						1				4	2	1	2		1	"	1				1									1	1			
Totals	1	2	1			1	4	2	3	2		2		18	15	10	45	20	21	Gun-shot		1	2	5	2	4	1	1	1			1						
Males	1	1	1			1	4	2	3	2		2		17	13	10	39	20	21	" "		1	2	5	2	3	1	1	1			1						
Females		1												1	2		6			" "						1												
Females																			1	Hæmatemesis																		
Totals					1					3	1			5		4	1	5	4	Head Disease	5																	
Males										1				1		2		4	2	" "	1																	

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	...	...	...	...	1	...	...	...	...	2	1	...	..	4	...	2	1	1	2	Head Disease	4	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	29	39	57	66	65	49	52	53	63	62	78	56	..	669	668	658	626	514	464	Heart, Disease of	47	11	17	15	22	16	22	20	26	46	53	55	70	83	76	45	31	14
Males	15	17	28	39	33	31	31	35	35	29	50	34	..	375	389	359	342	265	263	" "	29	7	7	10	10	6	11	9	9	28	27	28	38	57	46	26	20	7
Females	14	22	31	27	32	18	21	18	28	33	28	22	..	294	279	298	284	249	201	" "	18	4	10	5	12	10	11	11	17	18	26	27	32	26	30	19	11	7
Unknown	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	...	...	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	...	1	...	...	1	2	...	1	...	1	1	...	..	7	5	4	7	7	5	Heart, Enlargement of	...	...	...	...	1	...	...	2	...	...	1	1	1	...	...	1	..	..
Males	...	1	...	...	1	1	...	1	...	1	1	...	..	6	4	3	5	2	3	" "	...	...	...	...	1	...	...	2	...	...	1	1	1	...	...	...	..	..
Females	...	...	...	...	...	1	...	...	...	...	...	...	..	1	1	1	2	5	2	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	..
Totals	...	...	...	...	...	...	1	...	1	...	...	1	..	3	3	1	8	2	7	Heart, Fatty Degen. of	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	1	..	1	1	1	5	...	4	" " "	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	..
Females	...	...	...	...	...	...	1	...	1	...	...	...	..	2	2	...	3	2	3	" " "	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	..	..
Totals	...	...	...	1	...	1	...	...	...	1	...	...	..	3	1	...	9	4	2	Heart, Inflammation of	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	..	..
Males	...	...	...	1	...	1	...	...	...	...	...	...	..	2	1	...	4	...	1	" "	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	1	...	...	..	1	...	...	5	4	1	" "	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	..
Totals	1	1	4	1	...	1	1	2	...	3	2	1	..	17	27	27	16	17	10	Heart, Neuralgia of	...	...	1	1	...	2	2	1	...	...	2	1	2	2	..	2	1	..
Males	1	1	2	...	...	...	...	2	...	1	...	...	..	7	12	14	9	11	6	" "	...	...	...	...	...	1	1	...	...	...	1	1	1	1	...	...	1	..
Females	...	...	2	1	...	1	1	...	...	2	2	1	..	10	15	13	7	6	4	" "	...	...	1	1	...	1	1	1	...	...	1	..	1	1	..	2	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	1	1	...	...	Heart, Ossification of	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	1	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	1	...	" "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..
Totals	2	3	2	2	3	2	2	4	1	2	...	2	..	25	25	27	14	15	27	Heart, Paralysis of	...	1	...	2	...	1	1	2	...	1	1	1	1	4	4	2	3	1
Males	1	...	1	1	2	...	...	4	1	2	...	...	..	12	10	14	7	11	18	" "	...	...	...	2	...	...	1	...	...	...	1	...	1	3	2	1	...	1

Females	1	3	1	1	1	2	2					2		13	15	13	7	4	9	Heart, Paralysis of		1				1		2		1		1		1	2	1	3	
Males																	1	1		Heart, Rupture of																			
Females																			1	" "																			
Males																	2	1	1	Heart, Valvular Disease of																			
Females			1	1							1			3		1			1	" " "														1		1		1
Males																		1		Hemorrhage of Bladder																			
Females																1				" "																			
Totals			1				1		2		2	2		8	5	15	9	5	8	Hemorrhage of Bowels								1					1	3	1	2	
Males			1						2			1		4		9	4	3	8	" "								1						2	1			
Females							1				2	1		4	5	6	5	2		" "													1	1		2		
Totals						2			1					3	5	2	2	2	1	Hemorrhage of Brain						1								1		1		
Males						1								1	3	2	2		1	" "																1		
Females						1			1					2	2			2		" "						1								1				
Males																		1	1	Hemorrhage, Internal																			
Females																			1	" "																			
Males																		1		Hemorrhage of Kidneys																			
Females																	1			" "																			
Totals		2	4	4	3	2	1	4	1	2	3	4		30	31	22	24	37	21	Hemorrhage of Lungs	2	3	2	2	5		2	3	3			1	1	2	3			1
Males		1	3	4	2	1	1	4	1	2	2	4		25	24	16	14	21	14	" "	2	2	2	1	3		2	3	3			1		2	3			1
Females		1	1		1	1					1			5	7	6	10	16	7	" "		1		1	2							1						
Males																	1	1	1	Hemorrhage of Nose																			
Females															1	1	1			" "																			
Males										1		1		2		5	2	4	3	Hemorrhage of Stomach	1														1			
Females															1			1		" "																			
Males																1		1		Hemorrhage, Umbilical																			
Females							1					1		2		1	2			" "	2																		
Females			1			1								2	4	1	1		2	Hemorrhage, Uterine					2													

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Totals	1	...	3	1	...	1	1	1	4	2	1	3	..	18	12	15	15	10	15	Hemorrhage	5	2	...	1	...	1	...	3	...	2	...	1	..	1	1	1	..	..
Males	...	...	1	...	...	1	1	...	2	1	1	1	..	8	3	7	9	4	9	"	3	2	...	1	...	..	...	...	...	...	..	..	..	..	1	1	..	..
Females	1	...	2	1	...	...	...	1	2	1	...	2	..	10	9	8	5	6	6	"	2	...	...	..	...	1	...	3	...	2	...	1	..	1	..	..	..	..
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1	...	...	"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	2	1	2	1	2	4	3	2	7	2	2	4	..	32	25	23	30	26	23	Hernia	6	...	1	1	...	2	...	...	2	...	2	1	2	5	4	3	2	1
Males	1	...	2	...	1	3	2	1	5	2	...	3	..	20	12	16	19	13	14	"	5	...	1	1	...	1	...	...	1	...	1	1	2	..	3	1	2	1
Females	1	1	...	1	1	1	1	1	2	...	2	1	..	12	13	7	11	13	9	"	1	...	...	...	...	1	...	...	1	...	1	..	..	5	1	2	..	..
Totals	...	...	...	..	...	...	...	..	...	1	...	1	..	2	...	1	...	...	...	Hiccoughs	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	..
Males	...	...	...	...	...	...	...	...	...	1	...	...	..	1	...	1	...	...	...	"	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	1	..	1	...	...	...	...	...	"	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	...	...	1	...	3	1	...	...	1	...	...	...	..	6	9	6	...	7	6	Hip Disease	...	1	2	1	...	...	...	...	1	...	...	...	...	...	1	...	..
Males	...	...	..	..	2	...	...	...	...	...	...	...	..	2	4	4	...	5	3	" "	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	..
Females	...	...	1	...	1	1	...	...	1	...	...	...	..	4	5	2	...	2	3	" "	...	1	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1	...	Homesickness	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	3	4	1	Hydrocephalus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	3	2	...	3	"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	1	...	...	1	Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Females	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Totals	5	1	3	...	1	1	2	2	1	2	1	1	..	20	13	28	24	18	3	Inanition	18	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Males	3	...	1	...	...	...	2	2	...	...	...	...	..	8	5	9	13	9	2	"	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Females	2	1	1	...	1	1	...	...	1	2	1	1	..	11	8	19	11	9	1	"	10	..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..

Unknown			1											1						"		1																			
Totals		1	2					2	2	3	2	1		13	14	11	9	8	8	Indigestion		11												1						1
Males			1						2	1	2	1		7	9	4	7	2	4	"		5												1						1
Females		1	1					2		2				6	5	7	2	6	4	"		6																		
Males																1		1		Infanticide																			
Females																	3			"																				
Unknown															1					"																				
Totals	39	48	46	42	53	26	55	56	53	48	50	76	3	595	548	490	103	43	29	Infantile		595																		
Males	26	31	26	21	34	16	37	32	39	26	34	53	3	378	316	290	55	21	15	"		378																		
Females	13	16	19	18	19	10	18	24	14	21	16	23		211	228	189	48	21	14	"		211																		
Unknown		1	1	3						1				6	4	11		1		"		6																		
Totals	1	1	3	3	5	1	7	5	2	8		3		39	44	44	43	58	39	Inflammation		14	3		4	2	3	2	2	1			4	1	1			1	1
Males	1	1			3	1	2	4		5		1		18	24	25	24	27	23	"		9	1		2	1							3		1			1	
Females			3	3	2		5	1	2	3		2		21	18	19	19	31	16	"		5	2		2	1	3	2	2	1			1	1					1
Totals				1	1							1		3	2		2	1	2	Influenza		3																	
Males					1									1	1				2	"		1																	
Females				1								1		2	1		2	1		"		2																	
Males																		1	4	Injury, Internal																			
Females																		3		" "																			
Totals	2		1	1	2	2	5	3	2	2	4	1		25	25	17	22	8	10	Insanity							2	3	2	8	4			1		2		1	1
Males			1		1	2	4	3	1		2			14	13	7	13	6	7	"							2	2	2	2	4							1	
Females	2			1	1		1		1	2	2	1		11	12	10	9	2	3	"								1		6				1		2			1
Females												1		1						Insomnia																	1		
Totals	1	1	1	1	1	4	2	2		1	5	1		20	12	9	16	13	8	Intemperance							1	1	1	3	5		1	1	2	3			1
Males	1	1	1	1		3	2	2		1	3	1		16	10	8	13	12	8	"							1	1	1	3	3	1	1		1	3			1
Females					1	1					2			4	2	1	3	1		"											2			1	1				
Totals			2		4			2	2	2	1	2		15	35	23	21	25	41	Jaundice		6			1							1	3		2	2		

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males			1		4			1	2	2		2		12	18	10	10	14	24	Jaundice	3			1								1	3		2	2		
Females			1					1			1			3	17	13	11	11	17	"	3																	
Males									1					1			5			Joint Disease						1												
Females																1	5			" "																		
Totals	15	14	14	13	15	13	15	23	22	22	22	24	2	214	198	179	187	138	89	Kidneys, Bright's Dis. of	3	1	4	9	10	12	4	12	13	12	23	15	17	30	18	17	10	4
Males	12	8	10	10	11	9	8	17	15	16	16	21	2	155	151	147	150	107	78	" " "	1		2	2	6	7	3	9	10	6	12	12	14	26	16	16	10	3
Females	3	6	4	3	4	4	7	6	7	6	6	3		59	47	32	37	31	11	" " "	2	1	2	7	4	5	1	3	3	6	11	3	3	4	2	1		1
Totals	11	4	7	1	8	4	3	7	8	3	9	11		76	81	72	64	59	71	Kidney Disease	4	1	1		2	1		3	2	1	2	8	4	12	15	11	9	
Males	9	3	6		4	4	3	6	4	2	8	8		57	56	57	47	43	55	" "	2		1					2	1		1	7	3	10	12	10	8	
Females	2	1	1	1	4			1	4	1	1	3		19	25	15	17	16	16	" "	2	1			2	1		1	1	1	1	1	1	2	3	1	1	
Totals	2	2	2	4	2	2	1	5	3	2	2	3		30	17	12	9	7	23	Kidneys, Inflammation of	3	4		1	1	1	3	2		1	3	1	3		3	1	2	1
Males		1	1	1	2	2	1	2	3	2	2	3		20	12	5	6	4	14	" "	3	3		1		1				1	3	1	1		3	1	2	
Females	2	1	1	3				3						10	5	7	3	3	9	" "		1			1		3	2					2					1
Totals									2	1		1		4	3	1		9		Laryngitis	1						1	1		1								
Males									1	1				2	3			6		"	1						1											
Females									1			1		2		1		2		"								1		1								
Unknown																		1		"																		
Males																		1		Leprosy																		
Totals			1	1		1	1	1	1					6	7	10	11	2	9	Lightning			2		1		1				1			1			
Males			1	1		1		1						4	6	7	7	2	7	"			1		1						1			1				
Females							1		1					2	1	3	4		2	"			1				1											

Totals	1			1	1	1	1	1			2	2	1	11	7	10	11	7	7	Liver, Abscess of			1					1	1	2	2		1	1	1			1
Males						1	1	1			1	2		6	5	8	5	4	5	" "			1					1		1	2		1	1				
Females	1			1	1						1		1	5	2	2	6	3	2	" "									1	1	1				1			1
Males	1		1											2	1	1	2	4	2	Liver, Cirrhosis of					1						1						
Females															1			1		" "																		
Totals	4	6		7	7	6	6	5	5	5	10	8		69	71	86	85	87	71	Liver, Disease of	8	1			2	3	3	5	8	4	7	4	10	5	4	5		
Males	3	5		3	3		5	2	4	3	5	7		40	39	49	37	45	36	" "	5	1				2		2	4	1	5	2	7	5	4	2		
Females	1	1		4	4	6	1	3	1	2	5	1		29	32	37	48	42	35	" "	3				2	1	3	3	4	3	2	2	3			3		
Males							1	1		1		1		4	7	7	2	4	2	Liver, Enlargement of		1									1			2				
Females															9	11	3	6	5	" "																		
Totals				1		1		1	2	3				8	6	9	11	6	11	Liver, Inflammation of							1	1	2	1	1				2			
Males				1		1			1					3	2	4	8	3	7	" "								1	1		1							
Females								1	1	3				5	4	5	3	3	4	" "							1		1	1					2			
Males			1											1	1		2	1		Liver, Ulceration of	1																	
Females																1	1	1	1	" "																		
Totals		2		1		2	1	2		2	4			14	1	5	12	4	6	Lungs, Abscess of	1			1	2	1	1		1		2	2	1	2				
Males		2		1				2			2			7		4	6	3	3	" "						1	1					2	1	2				
Females						2	1			2	2			7	1	1	6	1	3	" "	1			1	2				1		2							
Totals	16	18	24	15	11	7	7	24	16	23	28	29		218	165	166	185	172	171	Lung Disease	102	8	5	7	7	7	3	7	5	7	6	5	15	3	7	9	7	8
Males	8	8	12	11	4	4	5	17	10	11	20	17		127	88	88	103	94	89	" "	59	6	2	3	6	3	2	3	2	4	2	3	12		5	7	3	5
Females	8	10	12	4	7	3	2	7	6	12	8	12		91	77	78	82	77	82	" "	43	2	3	4	1	4	1	4	3	3	4	2	3	3	2	2	4	3
Unknown																		1		" "																		
Males																			1	Lungs, Œdema of																		
Females																		2		" "																		
Males															1		1		1	Lungs, Paralysis of																		
Females															1		1	1	1	" "																		
Males																		4	1	Malaria																		

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females																		5	2	Malaria																		
Totals		1	1	1		1		1	1	1		1		8	7	7	8	12	10	Malformation	8																	
Males			1	1		1			1	1		1		6	5	3	5	11	6	"	6																	
Females		1						1						2	2	4	3	1	4	"	2																	
Males																		2	1	Mania																		
Females																			4	"																		
Totals	2	1	7	4	6	6	7	7	3	10	2	2		57	60	44	9	52	37	Marasmus	52				2										2		1
Males	1		3	2	5	4	4	7	1	8	1	2		38	31	25	7	29	14	"	33				2										2		1
Females	1	1	4	2	1	2	3		2	2	1			19	29	19	2	23	23	"	19																	
Totals	7	8	4	12	19	8	13	10	9	6	10	23		129	38	144	258	150	256	Measles	108	9	3	1	3	2	1		1								1
Males	3	4	1	6	9	6	7	4	5	1	7	11		64	19	65	113	82	120	"	53	5	1	1	2	1											1
Females	4	4	3	6	10	2	6	6	4	5	3	12		65	19	79	144	68	136	"	55	4	2		1	1	1		1								
Unknown																	1			"																		
Males																	2	3		Meningitis, Cerebral																		
Females																		1	2	" "																		
Totals		1	2	1		1	1		1					7	6	13	17	24	41	Meningitis, Cerebro-spinal	4		1	1		1												
Males						1	1		1					3	2	6	11	14	28	" " "	2			1														
Females		1	2	1										4	4	7	6	10	13	" " "	2		1			1												
Totals	3	4	6	4	8	5	6	9	4	9	5	7		70	60	101	83	84	123	Meningitis, Spinal	43	10	8	2	2		1	2							1		1
Males	1	1	3	3	2	3	5	4	1	4	1	4		32	31	61	43	42	76	" "	18	3	3	2	1		1	2							1		1
Females	2	3	3	1	6	2	1	5	3	5	4	3		38	29	40	40	42	47	" "	25	7	5		1												

Totals			2	1				1	1	1				6	5	5	5	9	3	Meningitis, Tubercular	6																			
Males			1	1					1					3	1	2	5	7	2	" "	3																			
Females			1					1		1				3	3	3		2	1	" "	3																			
Unknown															1					" "																				
Totals		2	1	8	4	5	1	2	2	1	1	1		28	31	16	20	16	21	Meningitis	15	3	2		1	1					1		1		1			3
Males		1	1	3	4	2	1	1	1	1				15	17	11	9	7	10	"	10	1	1													1			2
Females		1		5		3		1	1		1	1		13	14	5	10	9	11	"	5	2	1		1	1					1		1					1
Unknown																	1			"																				
Females		1												1	1				1	Menses			1																
Females				1										1		2	1	1	2	Milk Leg (Phleg. Dolens)							1											
Females																			1	Mistake in Medicine																			
Females																	2		1	Mortification																			
Totals						2	1	2			1			6	9	7	5	5	7	Mouth Disease	6																		
Males						2		1			1			4	3	3	2	2	4	" "	4																		
Females							1	1						2	6	4	3	3	3	" "	2																		
Totals			1			1					1			3		2	2	7	9	Mumps	1			1														1
Males			1											1		2	2	5	6	"				1															
Females						1					1			2				2	3	"	1																		1
Totals	1		1	4	7	1	3	4	2	3	2	2		30	28	24	15	11	15	Murder	1			1	5	9	1	1	2	1	1	4					1	3
Males	1		1	3	5	1	3	4	2	3	2	2		27	25	17	14	8	12	"	1			1	5	8	1	1	2	1	1	4					1	1
Females				1	2									3	3	7	1	3	3	"						1												2
Males															4	1	1			Necrosis																			
Females															1	2				"																			
Males						1								1						Neglect	1																		
Females															1				3	"																			
Totals			1							1				2	7	25	12	9	12	Nerve Disease							1				1							
Males			1											1	2	14	2	3	3	" "											1							

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females										1				1	5	11	10	6	9	Nerve Disease							1											
Totals	1	1	1	1	1	1	1	1	2	2		2		14	7	14	10	12	14	Neuralgia	1			1	1			1	1	1	1	2	1		1	2	1	
Males				1		1	1	1	1	1				6	3	7	4	6	8	"				1							1	1			1	2		
Females	1	1	1		1				1	1		2		8	4	7	6	6	6	"	1				1			1	1	1		1	1				1	
Males																			1	Nightmare																		
Totals	46	57	69	86	67	74	70	75	70	80	69	93	9	865	773	795	726	647	725	Old Age											1	1	14	31	108	166	521	23
Males	27	26	36	43	32	39	36	40	39	33	35	40	1	427	404	403	365	317	360	" "													7	10	51	84	265	10
Females	19	31	33	43	35	35	34	35	31	47	34	53	8	438	366	392	361	330	365	" "											1	1	7	21	57	82	256	13
Unknown															3					" "																		
Totals	1				1									2		1				Opium Eating						1										1		
Males					1									1		1				" "																1		
Females	1													1						" "						1												
Females																			1	Ovarian Disease																		
Females			1		1									2	12	12	5	5	11	Ovarian Tumor						1				1							
Totals			1			1			1	2		2		7	9	11	7	13	6	Overdose of Medicine	1				1		1	1	1				1					1
Males						1				1		1		3	9	10	7	8	3	" " "							1	1	1									
Females			1						1	1		1		4		1		5	3	" " "	1				1								1					1
Males									1					1	1				1	Over-work														1				
Females																			1	" "																		
Males																	1			Pancreas Disease																		
Females		1												1						" "					1													

Males																			1	Paralysis, Creeping																						
Females																			1	" "																						
Totals	32	28	35	48	44	44	39	40	44	43	44	43	1	485	400	397	345	357	258	Paralysis	13	5	4	5	5	4	8	16	25	22	23	37	47	68	70	82	43	8			
Males	19	22	20	32	25	23	22	20	25	27	28	26	1	290	202	211	206	198	145	"	7	3	2	2		2	6	9	17	11	10	25	25	37	44	52	32	6			
Females	13	6	15	16	19	21	17	20	19	16	16	17		195	196	186	139	159	113	"	6	2	2	3	5	2	2	7	8	11	13	12	22	31	26	30	11	2			
Unknown															2					"																						
Males																			1	Pericarditis																						
Females																	1		1	Peritonitis, Puerperal																						
Totals	1	3		4		2	5	4	2	6	3	2		32	22	27	16	21	19	Peritonitis	3	1	3	1	4	4	2	4	3	1		2	1	1		2					
Males	1	1		2		2	1	1	1	2	1	1		13	10	10	10	11	9	"	2	1	1	1	1	1	1		2					1		2						
Females		2		2			4	3	1	4	2	1		19	12	17	6	10	10	"	1		2		3	3	1	4	1	1		2	1									
Males																			1	Pharyngitis																						
Females																	1		1	"																						
Totals			1							1				2		6	6	1	3	Piles												1		1							
Males										1				1		5	3	1	1	"												1										
Females			1											1		1	3		2	"														1								
Totals	1	1	4	1	2	2		1	1	2		5		20	16	18	20	16	19	Pleurisy	1			1	1				3	2	2	2		4	1	2	1				
Males	1		3	1	1	1				2		2		11	11	10	8	8	8	"				1					1	2	1	2		1	1	1	1				
Females		1	1		1	1		1	1			3		9	5	8	12	8	11	"	1				1				2		1			3		1					
Totals		1	2		1	1								5	4	9	4	4	7	Pleuro-pneumonia								1		1		1	1			1				
Males		1	1			1								3	1	6	2	3	3	" "								1				1	1							
Females			1		1									2	3	3	2	1	4	" "										1							1				
Totals	3	8	14	8	6	2	2	5		7	5	7		67	66	64	80	92	123	Pneumonia, Typhoid	4	3	1	8	9	8	2	3	1	4	3	5	3	3	5	3	2			
Males	1	5	9	5	2	2	2	4		3	3	3		39	35	41	48	58	68	" "	4	2	1	3	4	5		1	1	3	2	3	3	3	2	2				
Females	2	3	5	3	4			1		4	2	4		28	31	23	32	34	55	" "		1		5	5	3	2	2		1	1	2			3	1	2				
Totals	57	62	113	100	63	48	32	28	36	46	76	121	1	785	733	767	737	735	805	Pneumonia	326	27	20	21	26	32	25	26	24	29	28	30	34	33	32	39	20	11			
Males	38	34	63	57	34	29	17	14	22	22	44	73	1	448	420	433	411	403	467	"	176	12	6	13	15	19	16	10	18	21	16	23	22	17	21	27	11	5			

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females	19	28	50	43	29	19	15	14	14	24	32	48	..	335	312	333	326	330	337	Pneumonia	150	15	14	8	11	13	9	16	6	8	12	7	12	16	11	12	9	6
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	1	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	3	1	3	2	2	..	1	..	3	3	..	18	26	16	33	22	25	Poison	10	..	..	..	2	1	..	2	..	1	2	..	..	..	..	..	..	..
Males	..	..	2	..	1	2	..	..	1	..	2	2	..	10	19	13	25	11	13	"	6	..	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..	..
Females	..	..	1	1	2	..	2	..	..	..	1	1	..	8	7	3	8	11	12	"	4	..	..	..	2	..	..	1	..	..	1	..	..	..	..	..	..	..
Males	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	2	2	..	1	Prostate, Disease of	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Totals	..	..	..	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..	1	Prostration	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	"	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	"	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Females	..	..	..	..	..	..	..	..	1	..	..	1	..	2	1	4	4	4	..	Puerperal Convulsions	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Females	4	3	4	4	4	..	..	2	2	1	1	..	..	25	37	28	43	29	53	Puerperal Fever	..	..	..	1	9	3	4	6	1	..	..	..	..	..	..	..	..	1
Totals	1	2	..	1	..	1	..	2	2	2	4	2	..	17	9	8	12	11	13	Quinsy	8	1	1	1	..	1	..	..	1	1	..	..	1	..	1	..	..	1
Males	1	2	..	..	..	..	..	2	..	1	2	2	..	10	7	5	9	8	8	"	3	..	1	1	..	1	..	..	1	..	..	..	1	..	1	..	..	1
Females	..	..	..	1	..	1	..	..	2	1	2	..	..	7	2	3	3	3	5	"	5	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	1	..	1	..	..	2	1	1	1	2	1	Rachitis	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Females	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	5	2	9	3	3	5	5	6	11	10	5	8	..	72	76	73	109	58	75	Railroad Accident	3	1	5	6	14	10	7	4	4	3	4	1	2	2	1	1	1	3
Males	4	2	9	3	2	5	5	5	10	10	5	7	..	67	68	67	100	53	68	" "	2	1	3	6	14	10	7	4	4	2	4	1	1	2	1	1	1	3
Females	1	..	..	..	1	..	..	1	1	..	..	1	..	5	8	6	9	5	7	" "	1	..	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..
Males	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	Rheumatism of Bowels	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Males	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	Rheumatism of Brain	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..

Totals	1	1	3	2	6	2	3	1	3	2	2	5	..	31	34	31	23	21	25	Rheumatism of Heart	...	4	...	1	4	1	...	...	1	1	3	5	2	5	1	2	1	..
Males	...	...	1	1	5	1	2	1	2	2	2	2	..	19	22	22	16	15	18	" "	...	3	...	1	2	1	...	...	...	1	3	3	..	4	1	..	..	..
Females	1	1	2	1	1	1	1	...	1	...	...	3	..	12	12	9	7	6	7	" "	...	1	...	...	2	...	...	...	1	...	...	2	2	1	..	2	1	..
Totals	3	1	5	2	1	4	1	...	1	2	...	2	..	22	14	18	29	16	33	Rheumatism, Inflam.	...	3	3	4	1	1	3	...	...	1	2	1	..	3	..	..	..	..
Males	...	...	1	2	...	2	1	...	...	1	...	2	..	9	9	11	17	9	19	" "	...	1	...	...	1	...	3	...	...	1	1	1	..	1	..	..	..	..
Females	3	1	4	...	1	2	...	...	1	1	...	...	..	13	5	7	12	7	14	" "	...	2	3	4	...	1	...	...	...	...	1	..	..	2	..	..	..	..
Totals	1	...	...	...	...	...	...	1	2	...	...	1	..	5	3	3	6	3	6	Rheumatism, Sciatic	...	...	...	...	...	1	...	...	..	1	...	1	1	..	..	..	1	..
Males	1	...	...	...	...	...	...	1	1	...	...	1	..	4	1	1	2	2	4	" "	...	...	...	...	...	...	...	...	...	1	...	1	1	..	..	..	1	..
Females	...	...	...	...	...	...	...	...	1	...	...	...	..	1	2	2	4	1	2	" "	...	...	...	...	...	1	...	...	...	...	...	..	..	..	..	..	..	..
Totals	7	4	7	12	6	9	5	10	4	4	4	8	..	80	52	72	43	56	48	Rheumatism	3	3	3	5	...	4	2	4	3	5	3	5	11	10	6	7	6	..
Males	4	1	4	7	5	5	3	9	3	2	2	4	..	49	29	38	22	36	27	"	3	2	2	2	...	1	...	2	3	5	2	3	7	6	5	3	3	..
Females	3	3	3	5	1	4	2	1	1	2	2	4	..	31	23	34	21	20	21	"	...	1	1	3	...	3	2	2	...	...	1	2	4	4	1	4	3	..
Totals	...	2	2	1	1	3	...	2	1	1	...	1	..	14	9	12	8	14	2	Rupture of Blood Vessel	4	..	...	1	...	2	1	...	1	1	...	1	..	2	..	1	..	..
Males	...	1	2	1	1	1	...	1	...	...	...	1	..	8	6	6	5	7	...	" " "	3	...	...	...	...	1	...	...	1	...	...	..	..	2	..	1	..	..
Females	...	1	...	...	...	2	...	1	1	1	...	...	..	6	3	6	3	7	2	" " "	1	...	...	1	...	1	1	...	...	1	...	1	..	..	..	..	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	Scald Head	...	..	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..
Totals	2	2	1	1	2	1	1	2	1	3	3	3	..	22	32	21	20	26	31	Scalding	20	1	1	..	...	...	...	...	...	...	...	..	..	..	..	..	..	..
Males	1	2	...	1	1	1	...	1	1	...	1	...	..	9	23	14	15	10	24	"	9	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..
Females	1	...	1	...	1	...	1	1	...	3	2	3	..	13	9	7	5	16	7	"	11	1	1	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..
Totals	29	22	28	24	35	25	24	19	25	20	27	41	..	319	245	326	673	592	383	Scarlet Fever	206	73	20	10	5	1	1	1	1	...	...	..	..	..	..	1	..	..
Males	16	14	11	16	18	8	10	7	12	8	15	26	..	161	136	148	338	276	186	" "	99	42	8	6	2	...	1	1	1	...	...	..	..	..	..	1	..	..
Females	13	8	17	8	17	17	14	12	13	12	12	15	..	158	109	178	335	316	196	" "	107	31	12	4	3	1	...	...	...	...	...	..	..	..	..	..	..	..
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	" "	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..
Totals	1	1	2	1	1	1	3	3	1	5	1	4	..	24	23	40	24	28	31	Scrofula	13	...	1	2	1	1	...	...	1	...	...	..	1	1	..	1	1	1
Males	1	...	1	...	...	1	3	2	...	2	1	2	..	13	10	25	12	11	13	"	7	...	...	1	1	...	...	...	...	...	...	..	1	..	1	1	1
Females	...	1	1	1	1	...	...	1	1	3	...	2	..	11	13	15	12	17	18	"	6	...	1	1	...	1	...	...	1	...	...	..	1	..	..	..	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1	...	...	Sea Sickness	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females..	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	1	---	Sea Sickness	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	2	"Self Abuse"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	5	4	8	9	6	10	17	13	18	13	8	13	1	125	129	91	113	80	52	Septicæmia	19	7	5	8	12	12	9	6	9	5	5	4	4	6	6	1	4	3
Males	3	4	5	3	2	4	6	6	10	5	4	5	1	58	68	43	51	34	29	"	11	4	3	3	2	3	1	2	6	2	3	2	3	4	4	1	3	1
Females	2	---	3	6	4	6	11	7	8	8	4	8	--	67	61	51	62	46	23	"	8	3	2	5	10	9	8	4	3	3	2	2	1	2	2	--	1	2
Totals	---	---	3	1	2	2	---	---	---	---	---	---	--	8	8	9	4	4	4	Skin Disease	3	---	---	---	---	2	---	---	---	---	---	1	1	1	---	---	---	---
Males	---	---	---	1	2	2	---	---	---	---	---	---	--	5	4	4	1	2	2	" "	2	---	---	---	---	1	---	---	---	---	---	1	1	---	---	---	---	---
Females	---	---	3	---	---	---	---	---	---	---	---	---	--	3	4	5	3	2	2	" "	1	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---
Totals	---	---	---	1	1	---	1	2	1	---	---	---	--	6	3	3	5	100	82	Small-pox	4	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	1	1	---	---	2	1	---	---	---	--	5	---	3	5	56	47	"	4	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	1	---	---	---	---	---	--	1	3	---	---	44	34	"	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Unknown	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	1	"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	2	---	---	---	2	Snake Bite	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	1	---	---	---	---	---	---	---	---	--	1	2	---	---	1	---	" "	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---
Totals	---	---	---	---	---	---	2	1	---	1	---	---	--	4	2	1	1	1	1	Spina Bifida	3	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Males	---	---	---	---	---	---	1	---	---	---	---	---	--	1	---	---	1	1	---	" "	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Females	---	---	---	---	---	---	1	1	---	1	---	---	--	3	2	1	---	---	1	" "	2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	10	14	11	6	14	16	12	14	11	9	5	7	--	129	84	114	108	90	134	Spine Disease	68	8	9	10	3	2	2	4	3	4	2	3	1	3	1	1	2	3
Males	6	6	6	2	9	8	5	6	5	5	2	5	--	65	42	56	59	45	80	" "	35	5	3	4	1	2	1	3	1	2	1	1	--	1	1	1	2	1
Females	4	8	5	4	5	8	7	8	6	4	3	2	--	64	42	58	49	45	54	" "	33	3	6	6	2	---	1	1	2	2	1	2	1	2	--	--	--	2
Males	---	---	---	---	---	---	---	---	---	---	---	---	--	---	1	---	---	1	3	Spine, Inflammation of	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Females				1							1		2				1	1	Spine, Inflammation of	2																					
Males														2			1		Spine, Injury of																						
Females																	1	2	" "																						
Males														3			2	1	Spine, Paralysis of																						
Totals		1			1	2			2	1	1		8	1	4	1	4	5	Spleen Disease					1		1	2	1		1		2								
Males		1			1	1				1	1		5	1	2	1	1	1	" "							1	2	1				1									
Females						1			2				3		2		3	4	" "					1						1		1								
Males						1							1	1		1			Starvation										1												
Females																	1		"																						
Totals	66	66	83	67	78	67	81	74	67	71	80	108	1	909	1008	919	884	792	691	Still-born	909																				
Males	37	38	45	34	45	37	37	47	39	41	43	56	1	500	606	541	513	438	378	"	500																				
Females	25	27	34	30	28	28	39	23	22	28	36	48		366	372	324	328	321	270	"	366																				
Unknown	4	1	4	3	5	4	5	4	6	2	1	4		43	30	54	43	33	43	"	43																				
Totals		4	2	2	1	2		6	1	8	2	3		31	29	26	26	17	21	Stomach Disease	8	1			1	1	1		1	1	3	3	6	1	1	2		1		
Males		3	1	1		1		4	1	4	1			16	15	17	16	9	13	" "	6					1				1	2		2	1	1	1		1		
Females		1	1	1	1	1		2		4	1	3		15	14	9	9	8	8	" "	2	1			1		1		1		1	3	4			1				
Unknown																	1			" "																				
Totals	1	4	2	4	3	5	2	5	3	3	3	2		37	44	39	42	33	44	Stomach, Inflammation of	13		1	2	2	1	2	2	1	1	1	1	1		2	4	3		
Males	1	2		1	2	4	1	4	2		2			19	18	14	20	15	19	" "	7		1			1	1	1			1	1	1			1	2	2		
Females		2	2	3	1	1	1	1	1	3	1	2		18	26	25	22	18	25	" "	6			2	2		1	1	1				1		1	2	1		
Totals		1		2	1			1	1	1		2		9	3	6	3	2	6	Stomach, Neuralgia of					2	1				1		1	1	1	1				
Males					1			1						2		2			2	" "										1						1			
Females		1		2					1	1		2		7	3	4	3	2	4	" "					2	1						1	1	1	1				
Males				1										1	2	1		1		Stomach, Paralysis of																1			
Females																		2		" "																				
Males																		2		Stomach, Rupture of																				
Females												1		1				1		" "						1														

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Totals	...	1	1	1	1	...	1	1	1	...	2	...	..	9	9	10	9	11	13	Stomach, Ulceration of	1	...	1	1	...	...	1	...	1	1	...	1	1	1	..	..	..
Males	...	...	...	1	...	...	...	...	...	...	2	...	..	3	6	5	2	4	5	" "	1	...	...	...	..	...	...	...	...	1	...	1	..	..	..	..	..	..
Females	...	1	1	...	1	...	1	1	1	...	...	...	.	6	3	5	7	7	8	" "	...	...	1	1	...	...	1	...	1	..	...	..	..	1	1	..	..	..
Males	...	...	...	...	...	...	...	1	...	...	...	...	..	1	...	1	...	2	...	Stone in Bladder	...	...	...	...	.	...	...	...	...	...	...	..	1	..	..	..	..
Totals	...	1	2	1	...	2	1	...	...	1	1	1	..	10	7	11	6	9	6	Strangulation	9	...	...	...	...	...	...	...	...	...	1	..	...	...	..	..	..
Males	...	1	...	1	...	2	1	...	...	...	...	1	..	6	4	6	3	8	5	"	6	...	...	...	...	...	...	...	...	...	..	...	...	...	..	..	..
Females	...	...	2	...	...	...	...	...	...	1	1	...	..	4	3	5	3	1	1	"	3	...	...	...	...	...	...	...	...	...	1	..	...	...	...	..	..
Males	...	...	...	...	...	1	1	2	...	...	...	...	..	4	1	5	...	...	...	Stricture of Intestines	1	...	1	...	...	...	...	...	...	...	...	..	1	..	..	1	..	..
Males	...	1	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	...	1	Stricture of Œsophagus	...	...	...	...	..	...	...	...	...	...	...	..	..	1	..	...	..	..
Males	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	2	...	...	...	Stricture of Urethra	...	...	..	...	...	..	...	...	...	...	...	..	..	..	..	..	..	..
Males	...	...	...	1	...	...	...	...	...	...	...	...	..	1	2	2	3	...	1	Stricture	...	..	...	...	...	...	...	...	...	...	...	..	1	..	..	..	..	..
Totals	3	1	2	2	2	...	1	1	...	2	...	1	..	15	13	14	6	4	20	Suffocation	10	...	...	...	...	...	...	...	1	...	1	2	1	..	..	..	..
Males	1	1	1	1	1	...	1	1	...	2	...	...	..	9	6	12	3	3	10	"	7	...	...	...	.	...	...	...	1	...	...	1	..	..	..	..	..	..
Females	2	..	1	1	1	...	...	...	...	...	...	1	..	6	7	2	3	1	10	"	3	...	...	...	...	..	...	...	...	...	1	1	1	..	..	..	..	..
Totals	7	2	4	6	13	5	4	11	9	7	5	9	..	82	9.	104	91	62	57	Suicide	...	1	...	4	7	8	5	5	4	6	6	10	3	11	7	1	2	2
Males	6	2	3	6	10	4	3	8	6	6	4	6	..	64	78	84	69	44	42	"	...	1	...	1	4	4	4	5	3	6	3	9	3	9	7	1	2	2
Females	1	...	1	...	3	1	1	3	3	1	1	3	..	18	12	20	22	18	15	"	...	...	...	3	3	4	1	...	1	...	3	1	..	2	..	..	..	..
Unknown	...	...	...	...	...	...	...	..	...	...	...	...	..	...	1	...	...	...	...	"	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	..	..	..
Totals	...	...	...	...	...	...	2	3	1	...	...	...	..	6	10	7	3	5	16	Sun-stroke	...	1	...	...	...	...	...	...	...	2	1	..	1	..	..	1	..	..
Males	...	...	...	...	...	...	1	3	1	...	...	...	..	5	9	6	3	5	16	"	...	...	...	...	...	...	...	...	...	2	1	..	1	..	..	1	..	..
Females	...	...	...	...	...	...	1	...	...	...	...	...	..	1	1	1	...	...	2	"	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..

Totals			1	2	1	2					1	1		8	4	6	2			Surgical Operation				1	1	3	1	1							1		
Males				1		2						1		4	2	4				" "				1	1			1							1		
Females			1	1	1						1			4	2	2	2			" "						3	1										
Females																			1	Syncope																	
Totals	1			2				2	3	1				9	16	14	9	6	3	Syphilis	5				1					2				1		
Males				1				2	2	1				6	8	7	2	4	2	"	2				1					2				1		
Females	1			1					1					3	8	7	7	2	1	"	3															
Males																	1	2		Tape Worm																
Females																		1		" "																
Totals		3		1	3	3	12	12	17	7	6	11		75	49	57	55	83	84	Teething	74															1
Males		2			1	2	9	5	6	4	5	6		40	32	35	40	39	53	"	40															
Females		1		1	2	1	3	7	11	3	1	5		35	17	22	15	44	31	"	34															1
Totals						1		1		1				3	3	3	4	15	12	Tetanus, (Locked Jaw)		1	1										1			
Males						1				1				2	3	2	4	12	8	" "		1											1			
Females								1						1		1		3	4	" "			1													
Totals	2	1	7	3	1	1	1	1	2	1	2			22	18	19	26	20	14	Throat Disease	12			1	3		1	1				1	2			1
Males	1		2	1	1			1	2	1	1			10	11	9	10	11	6	" "	5			1	1		1	1				1				
Females	1	1	5	2		1	1				1			12	7	10	16	9	8	" "	7				2								2			1
Males			1											1			1	1	2	Throat, Inflammation of												1				
Females																	2			" "																
Males															1	1		1	2	Throat, Paralysis of																
Females									1					1	1	1	2			" "												1				
Totals								1	2		2			5	2	6	3	6	14	Thrush	4						1									
Males									1					1	2	2	1	2	5	"	1															
Females								1	1		2			4		4	1	4	9	"	3						1									
Unknown																	1			"																
Males																			4	Tonsilitis																

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.												Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Females																			1	Tonsilitis																		
Males																1				Tongue, Inflammation of																		
Males															2	1	1			Trichiniasis																		
Males																			1	Tubercles of Brain																		
Females																			2	" "																		
Males																		1	1	Tumor of Bladder																		
Totals		1	1			1	1			1	1			6	11	7	2	5	9	Tumor in Bowels				2					2					1	1		
Males		1	1			1	1			1				5	3	3			3	" "				1					2					1	1		
Females											1			1	8	4	2	5	6	" "				1														
Totals								1	1					2	2			3	5	Tumor of Brain									1	1								
Males								1						1				2	3	" "										1								
Females									1					1	2			1	2	" "									1									
Males																			1	Tumor of Breast																		
Males																		1		Tumor on Leg																		
Totals					1							1		2	3				2	Tumor of Liver										2								
Males												1		1	2					" "										1								
Females					1									1	1				2	" "										1								
Males																1		2		Tumor in Side																		
Females									1					1		2		2	4	" "											1							
Totals		1	1		2		1		3					8	5	6	8	9	12	Tumor in Stomach									1	2	1	1	1	1	1			
Males					1				2					3	3	4	1	5	5	" "												1		1	1			

Females		1	1		1		1		1					5	2	2	7	4	7	Tumor in Stomach									1	2	1		1						
Males															1	1			3	Tumor on Throat																			
Females											1			1				1	1	" "										1									
Totals	4	5	6	8	9	1	6	2	3	9	1	6		60	67	54	41	38	33	Tumor (Unspecified)	2	1			1	4	4	5	4	6	6	7	4	8	4	3	1	
Males	1		2	2	3		2		1	1		1		13	21	17	13	5	8	" "		1				1	2		1	2	2		1	1	1		1	
Females	3	5	4	6	6	1	4	2	2	8	1	5		47	46	37	28	33	25	" "	2				1	3	2	5	3	4	4	7	3	7	3	3		
Females	1		3		1	3	2							10	5	6	5	6	7	Turn of Life									1	6	2			1				
Females																		1		Ulcer on Back																		
Females																			1	Ulcer on Head																		
Females																		1	1	Ulcer on Leg																		
Males																		1		Ulcer on Neck																		
Totals		1	1	1	2		1		1		1			10	7	7	6	5	7	Ulcers (Unspecified)	2			1		1			2		1		1		1		1	
Males		1	1	1	1									5	6	4	1	3	4	" "						1			1				1		1		1	
Females					1		1		1		1	1		5	1	3	5	2	3	" "	2			1					1		1							
Totals	60	59	75	70	76	64	89	109	132	111	90	87	18	1040	949	1066	1385	1455	1632	Unknown	496	29	26	20	32	35	24	15	32	25	30	30	36	40	32	34	14	90
Males	36	35	35	39	50	32	48	58	72	58	54	46	9	572	495	524	756	779	851	"	272	14	15	10	18	14	7	8	13	16	17	16	23	26	18	21	11	53
Females	24	24	39	31	26	32	41	51	60	50	34	41	8	461	452	537	625	671	772	"	223	15	11	10	14	21	17	7	19	9	13	14	13	14	14	13	3	31
Unknown			1							3	2		1	7	2	5	6	5	9	"	1																	6
Males															4		2		1	Uraemia																		
Females	1													1	2					"															1			
Males										1				1	1	2	2	1	1	Urinary Organs, Dis. of														1			
Females															1		1			" " "																		
Females			2	2		1		1	1		1	1		9	3	2	2	1	4	Uterine Tumor						9		1	2	2	1		1				
Females			1											1				1		Uterus, Abscess of									1									
Females			1	1	1				1	1		2		7	4	13	9	3	1	Uterus, Disease of					1	1	1	2				1	1					
Females	2	1								1	1			5	4	5	2	6	4	Uterus, Inflammation of				1		1	1	1										1
Males																		1		Vaccination																		

TABLE 78.—CONTINUED.—*Specified Causes of Death.*

Sex.	Months, 1886.													Years.						Causes of Death.	Ages in Periods of Years,—1886.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	1886.	1885.	1884.	1883.	1882.	1881.		Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	80 and over.	Unknown.
Males																		1		Venereal Disease																		
Totals				1				1						2	1	2	1		1	Vomiting	1									1								
Males				1										1	1	1	1		1	"										1								
Females								1						1		1				"	1																	
Males																	2			White Swelling																		
Totals	9	7	12	14	8	18	20	20	20	27	14	16		185	138	160	92	86	142	Whooping Cough	176	5															4
Males	5	3	5	5	2	9	10	10	9	12	3	9		82	57	75	40	43	70	" "	81	1															
Females	4	4	7	9	6	9	10	10	11	14	11	7		102	81	85	52	43	72	" "	95	4															3
Unknown										1				1						" "																		1
Males																			2	Winter Cholera																		
Totals	2				2	2							1	7	1	6	2	3	5	Worms	5	2																
Males	2				1	1								4	1	3	2	1	3	"	3	1																
Females					1	1							1	3		3		2	2	"	2	1																
Males	2		1		2			1						6	5	3	3	5	4	Wounds									2			3	1				

UNUSUAL CAUSES OF DEATH.

There were 350 deaths in 1886 compiled in Table 78 as "Casualty." This is 53 more than were returned in 1885 and is the largest number ever reported in this State. The specified causes may be seen in Table 79. Accidental shooting, falling, runaways, and kicking horses caused many deaths, while the number returned as simple "accident" was large as usual.

TABLE 79.—*Deaths in Michigan in 1886, Compiled as "Casualty."*

Casualty,—Causes as Returned.	No.	Casualty,—Causes as Returned.	No.
Total number tabulated as Casualty in Table 78	350	Kicked by a horse	21
		Killed in car shop	1
Accidental, unclassified	125	Killed by dynamite	1
Accidentally poisoned	8	Killed on elevator	1
Accidental shooting	20	Killed by explosion	2
Boiler explosion	6	Killed by a gate	1
Chewing black jack gum	1	Killed by machinery	5
Crushed under cars	1	Killed in a mill	5
Explosion of gas	2	Killed in a mine	34
Explosion of powder	1	Killed by a mule	1
Falling, unspecified	28	Killed with pitchfork	1
Fall from toboggan slide	1	Killed in ship yard	2
Fall on icy door-step	1	Killed on tug	1
Fall from scaffold	9	Killed in woods	21
Falling of hay-stack	1	Runaway accident	27
Falling down-stairs	4	Strained by heavy lifting	1
Falling of stone	2	Struck on head with stump pry	1
Found in a well	2	Swallowed something	1
Fracture of neck	1	Thrown from binder	1
Gored by a bull	3	Thrown from a horse	4
Injury to spine	1	Timber fell on him	1

STATISTICS CONCERNING SUICIDE.

The number of deaths returned from this cause in 1886 was 82, which was 9 less than in 1885, but 13 more than the average for the thirteen years, 1874-1886. The total number returned for these years in Table 80 was 899, of which 679 were males, 219 were females, and one unknown. The month of June has returned the largest number of deaths and February the smallest.

The classification by nativity reveals the following facts: Five hundred of the 899 were natives of the United States, 207 having been born in Michigan and 293 in other States; 399 were of foreign birth, and in 68 cases the nativity was not reported. Of the foreign-born 165 were from Germany, 54 from Canada, and 43 from England.

The conjugal condition of these decedents shows that 540 were married, 242 were single, 75 were widowed, and in 42 cases the conjugal condition was not stated in the returns.

As regards the means employed, poison leads with 148, followed by hanging with 127, shooting 87, drowning 47, and cutting throat 20. In 465 cases the means employed were not given in the returns. In Massachusetts the number of deaths returned from this cause in 1886 was 149, which was 27 less than that of 1885, and 10 less than the average in that State for the ten years, 1877-1886.

TABLE 80.—*Certain facts Concerning Persons Returned as having Died by Suicide in Michigan during the years 1874-1886.*

Year.	Number.	Month of Death.													Sex.			Color.	Condition.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Males.	Females.	White.	Married.	Single.	Widowed.	Unknown.
Total	899	50	40	60	75	86	94	71	92	77	76	90	85	3	899	679	219	899	540	242	75	42
1874	53	7	3	4	1	4	5	5	4	3	5	6	6	.....	53	31	22	53	28	17	4	4
1875	52	3	4	3	4	8	4	4	4	5	3	6	4	.....	52	42	10	52	34	10	3	5
1876	54	3	1	3	7	7	8	2	4	5	6	5	3	.....	54	43	11	54	35	12	3	4
1877	66	2	5	7	4	7	5	6	7	4	2	7	10	.....	66	46	20	66	38	23	2	3
1878	63	5	2	5	5	5	9	5	7	5	6	5	4	.....	63	40	23	[a] 63	41	16	4	2
1879	59	3	2	4	7	3	8	5	7	5	4	4	7	.....	59	46	13	59	35	19	3	2
1880	65	4	3	6	8	9	6	3	4	7	2	6	6	1	65	50	15	65	38	20	4	3
1881	57	1	5	3	3	4	4	7	9	7	4	6	4	.....	57	42	15	57	34	11	9	3
1882	62	2	3	4	6	8	7	2	7	5	7	4	6	1	62	44	18	62	32	24	3	3
1883	91	5	1	7	9	5	8	11	9	4	6	16	10	.....	91	69	22	91	53	23	12	3
1884	104	4	5	7	8	6	16	8	8	14	10	10	8	.....	104	84	20	104	71	28	4	1
1885	91	4	4	3	7	7	9	9	11	4	14	10	8	1	[b] 91	78	12	91	55	19	13	4
1886	82	7	2	4	6	13	5	4	11	9	7	5	9	.....	82	64	18	82	46	20	11	5

[a] 1 Mulatto.

[b] 1 Sex unknown.

TABLE 80.—CONTINUED.—*Suicidal Deaths.*

Occupations.	No.	Occupations.	No.	Occupations.	No.
Agents	6	Farmers	270	Policemen	1
Architects	1	Gardeners	2	Printers	4
Bakers	2	Harness-makers	2	Prostitutes	6
Bankers	2	Hotel-keepers	4	Sailors	4
Barbers	2	House-keepers	86	Salesmen	1
Blacksmiths	2	Housewives	13	Saloon-keepers	15
Book-keepers	10	Insurance agents	2	Seamstresses	1
Brewers	4	Laborers	113	Servants	25
Brick-makers	3	Lawyers	5	Ship carpenters	1
Business men	3	Lumbermen	4	Shoe-makers	9
Butchers	5	Machinists	3	Soldiers	3
Cabinet-makers	2	Masons	7	Stave-makers	1
Carpenters	20	Mechanics	11	Students	5
Cigar-makers	3	Merchants	15	Tailors	5
Clerks	15	Millers	2	Tanners	3
Conductors	1	Milliners	1	Teachers	4
Coopers	3	Miners	3	Teamsters	5
Cutlers	1	Ministers	1	Tinners	1
Dentists	1	Miscellaneous	8	Unemployed	33
Domestics	2	Musicians	4	Unknown	99
Draymen	5	Painters	3	Upholsterers	1
Druggists	2	Peddlers	3	Weavers	3
Engineers	5	Physicians	7		
Total					899

Nativity.	No.	Nativity.	No.	Nativity.	No.
Austria	1	Maine	3	Poland	3
Canada	54	Massachusetts	3	Prussia	5
Connecticut	6	Michigan	207	Rhode Island	1
Denmark	1	Minnesota	1	Scotland	12
England	43	Netherland	1	Sweden	4
France	2	New Hampshire	3	Switzerland	2
Germany	165	New Jersey	6	Texas	1
Holland	3	New York	168	Unknown	68
Illinois	2	Norway	1	Vermont	13
Indiana	6	Nova Scotia	1	Virginia	1
Ireland	30	Ohio	48	Wisconsin	8
Italy	1	Pennsylvania	22	Zealand	2
Kentucky	1				
Total					899

TABLE 80.—CONTINUED.—*Suicidal Deaths.*

Means Used.	No.	Means Used.	No.	Means Used.	No.
Cutting throat	20	Poison	148	Shooting	87
Drowning	47	Run over by cars	1	Starving	1
Dynamite	1	Severing artery	2	Unknown	465
Hanging	127				
Total					899

PRINCIPAL CAUSES OF DEATH.

Consumption, as usual, held the first rank among the fifteen leading causes of death in Michigan for the year 1886. With the single exception of the year 1881, when diphtheria held first place, consumption has stood at the head of the list as a destroyer of human life in this State. The per cent of deaths from consumption to deaths from all causes was 11.28 in 1886, 11.80 in 1885, 12.17 in 1884, and 11.78 in 1883. Although the male population of Michigan exceeds that of the female, the proportion of deaths of females from consumption was 3.33 per cent greater than that of males.

Next to consumption, diphtheria has been the most destructive disease in Michigan during the years 1878-1886. With the other more prominent causes of death, the order in regard to the largest number varies more or less from year to year. Among the most noteworthy changes from 1885 may be mentioned the rise in cholera infantum from eleventh place in 1885 to seventh place in 1886. Scarlet fever, which stood sixth in 1883, fell to fourteenth in 1884 and disappeared from this list in 1885, and does not appear in 1886.

The fifteen principal causes of death represent 56.83 per cent of the total mortality for 1886, as compared with 57.44 in 1885, 57.66 in 1884, and 56.92 in 1883. Some of these important causes of death will be considered again in subsequent pages.

MORTALITY FROM TEN PROMINENT CAUSES IN 1886.

Tables 82 and 83 are devoted to the particulars relating to ten specified causes of death, representing in all 3,907 deaths, or 21.48 per cent of the total deaths reported for 1886. Diarrhea leads in monthly fluctuation, rising from 3 deaths, or .79 per cent, in February to 128, or 33.86 per cent in August, a difference of 33.07 per cent between least and greatest monthly percentage. The disease showing greatest uniformity, or least monthly fluctuation, is cephalitis, with 6.63 per cent difference between the highest month, August, and the lowest, January. The usual high rate of hot-weather mortality is shown in diarrhea and dysentery, while scarlet fever appears to be the least affected by the seasons. Croup and diphtheria show a greater increase in the cold and damp months, and typhoid fever and whooping-cough in the late summer and fall months.

Diphtheria leads again in the number of deaths, showing 1,117 to 1,054 in 1885, while typhoid fever takes second place, which was held by cancer in 1885. An increase in relative per cent of all deaths is shown over last year's report in cephalitis, croup, diarrhea, dysentery, measles, scarlet and typhoid fevers, and whooping-cough, the greatest proportionate increase being shown by measles, which are over three times the rate

per cent of 1885. Cancer and diphtheria are the only diseases in the table which show a decrease in per cent from 1885, although there is an actual increase in the number of deaths from the latter cause.

Cancer and typhoid fever are the only diseases in the table which do not show a large excess of deaths in the period of age under 5. Of the other eight causes, diphtheria is the only one which shows fewer deaths in the period under five than in the remaining periods combined. Cancer shows the greatest number of deaths in the period of 55 to 60, and typhoid fever in that of 15 to 20. There were five deaths from whooping-cough in the period of 5 to 10, but none in an older period, and but three from croup in periods older than 10 to 15.

TABLE 81.—*Mortality in Michigan from Fifteen Principal Causes, as returned for the Year 1886.*

Order.	Specified Causes and Conditions,—1886.	Number of Deaths.				Per Cent from each Cause to Deaths from all Causes.		
		Total.	Males.	Females.	Unknown.	Total.	Males.	Females.
1	Consumption	2,051	950	1,101	.....	11.28	9.77	13.10
2	Diphtheria	1,117	553	564	.....	6.14	5.69	6.71
3	Still-born	909	500	366	43	4.99	5.14	4.36
4	Old age	865	427	438	.....	4.76	4.39	5.21
5	Pneumonia	783	448	335	.....	4.31	4.60	3.99
6	Heart disease	668	374	294	.....	3.67	3.85	3.50
7	Cholera infantum	653	348	305	.....	3.59	3.58	3.63
8	Apoplexy and Paralysis	628	369	259	.....	3.45	3.79	3.08
9	Fever, typhoid	498	262	236	.....	2.74	2.69	2.82
10	Convulsions	431	229	200	2	2.37	2.35	2.38
11	Cancer	391	171	220	.....	2.15	1.76	2.62
12	Casualty	350	305	45	.....	1.92	3.14	.54
13	Dropsy	333	138	195	.....	1.83	1.42	2.32
14	Brain, inflammation of	332	172	160	.....	1.83	1.77	1.90
15	Bowels, inflammation of	327	168	159	.....	1.80	1.73	1.89
Total		10,336	5,414	4,877	45	56.83	55.67	58.05
All Causes		18,187	9,725	8,402	60	100.00	100.00	100.00

TABLE 82.—*Deaths from Ten Specified Causes returned for the Year 1886, Exhibiting the Number of each Sex, Total Number in each Month and at Different Periods of Age.*

Sex, Months, and Ages.	Causes of Death, 1886.									
	Cancer.	Cephalitis.	Croup.a	Diarrhea.b	Diphtheria.	Dysentery. c	Measles.	Scarlet Fever.	Typhoid Fever.	Whooping Cough.
Sex.										
Totals	391	332	400	378	1,117	158	129	319	498	185
Males	171	172	212	197	553	83	64	161	262	82
Females	220	160	188	181	564	75	65	158	236	102
Unknown	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Months.										
January	20	16	35	4	92	4	7	29	23	9
February	15	20	33	3	93	2	8	22	22	7
March	25	26	47	5	85	3	4	28	27	12
April	32	31	24	9	61	3	12	24	22	14
May	37	27	16	13	69	5	19	35	21	8
June	35	23	25	11	81	8	8	25	10	13
July	41	32	24	58	66	18	13	24	24	20
August	36	38	18	128	73	40	10	19	47	20
September	36	32	15	93	81	43	9	25	92	20
October	41	24	40	34	134	23	6	20	90	27
November	36	29	64	9	132	6	10	27	70	14
December	37	34	56	10	147	3	23	41	48	16
Unknown	.....	.....	3	1	3	.....	.....	.....	2	.....
Av. month d	33	28	33	31	93	13	11	27	41	15
Ages.										
Under 5	13	235	326	342	489	126	108	206	37	176
5 to 10	.....	25	56	7	356	5	9	73	27	5
10 to 15	.....	13	9	1	135	1	3	20	47	.....
15 to 20	6	9	.....	1	74	1	1	10	86	.....
20 to 25	5	13	.....	2	24	2	3	5	73	.....
25 to 30	4	4	.....	1	15	2	2	1	58	.....
30 to 35	14	2	2	1	3	.....	1	1	38	.....
35 to 40	20	4	.....	1	2	2	.....	1	26	.....
40 to 45	29	5	.....	1	.....	3	1	1	17	.....
45 to 50	34	2	.....	3	2	1	.....	.....	10	.....
50 to 55	34	3	.....	1	2	.....	.....	.....	13	.....
55 to 60	57	2	.....	2	.....	.....	.....	.....	16	.....
60 to 65	50	4	.....	1	2	2	.....	.....	4	.....
65 to 70	45	3	.....	2	2	3	.....	.....	11	.....
70 to 75	35	1	.....	5	1	3	.....	.....	8	.....
75 to 80	20	1	.....	1	.....	2	.....	1	6	.....
80 and over	19	2	1	2	1	4	.....	.....	7	.....
Unknown	6	4	6	4	9	1	1	.....	14	4

a Includes 104 membranous croup.
b Includes 15 chronic.
c Includes 4 chronic.
d Excluding unknown month.

TABLE 83.—*Per Cent of Deaths returned for the Year 1886, from each of Ten Specified Causes to Deaths from all Causes; and Per Cent of each Sex of Deaths in each Month and at different periods of Life, to Total Deaths from each Specified Cause.*

Sex, Months and Ages.	Causes of Death, 1886.—Per Cent of Total.									
	Cancer.	Cephalitis.	Croup.	Diarrhea.	Diphtheria.	Dysentery.	Measles.	Scarlet Fever.	Tyhoid Fever.	Whooping Cough.
Per cent of all causes	2.15	1.83	2.20	2.08	6.14	.87	.71	1.75	2.74	1.02
Sex. Males	43.73	51.81	53.00	52.12	49.51	52.53	49.61	50.47	52.61	44.32
Sex. Females	56.27	48.19	47.00	47.88	50.49	47.47	50.39	49.53	47.39	55.14
Sex. Unknown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54
Months. January	5.12	4.82	8.75	1.06	8.24	2.53	5.43	9.09	4.62	4.87
Months. February	3.84	6.02	8.25	.79	8.32	1 27	6.20	6.90	4.42	3.78
Months. March	6.39	7.83	11.75	1.32	7.61	1.90	3.10	8.78	5.42	6.49
Months. April	8.18	9.34	6.00	2.38	5.46	1.90	9.30	7.53	4.42	7.57
Months. May	9.46	8.13	4.00	3.44	6.17	3.16	14.73	10.97	4.22	4.32
Months. June	8.95	6.93	6.25	2.91	7.25	5.06	6.20	7.84	2.01	9.73
Months. July	10.49	9.64	6.00	15.34	5.91	11.39	10.08	7.53	4.82	10.81
Months. August	9.21	11.45	4.50	33.86	6.54	25.31	7.75	5.96	9.44	10.81
Months. September	9.21	9.64	3.75	24.60	7.25	27.22	6.98	7.84	18 47	10.81
Months. October	10.48	7.23	10.00	9.00	12.00	14.56	4.65	6.27	18.07	14.59
Months. November	9.21	8.73	16.00	2.38	11.82	3.80	7.75	8.47	14.05	7.57
Months. December	9.46	10.24	14.00	2.65	13.16	1.90	17.83	12.82	9.64	8.65
Months. Unknown	.....	.....	.75	.27	.27	.....	.....	.....	.40	.....
Months. Average month [a]	8.33	8.33	8.27	8.31	8.31	8.33	8.33	8.33	8.30	8.33
Ages. Under 5	3.32	70.78	81.50	90.47	43.78	79.74	83.72	64.52	7.43	95.14
Ages. 5 to 10	.....	7.53	14.00	1.85	31.87	3.16	6.97	22.89	5.42	2.70
Ages. 10 to 15	.....	3.92	2.25	.27	12.09	.63	2.32	6.27	9.44	.....
Ages. 15 to 20	1.53	2.71	.....	.27	6.62	.63	.78	3.14	17.27	.....
Ages. 20 to 25	1.28	3.92	.....	.52	2.15	1.27	2.32	1.57	14.66	.....
Ages. 25 to 30	1.02	1.21	.....	.27	1.34	1.27	1.55	.31	11.65	.....
Ages. 30 to 35	3.58	.60	.50	.27	.27	.....	.78	.31	7.63	.....
Ages. 35 to 40	5.12	1.21	.....	.27	.18	1.27	.....	.31	5.22	.....
Ages. 40 to 45	7.42	1.51	.....	.27	.....	1.90	.78	.31	3.41	.....
Ages. 45 to 50	8.70	.60	.....	.79	.18	.63	.....	.....	2.01	.....
Ages. 50 to 55	8.70	.90	.....	.27	.18	.....	.....	.....	2.61	.....
Ages. 55 to 60	14.58	.60	.....	.52	.....	.....	.....	.....	3.21	.....
Ages. 60 to 65	12.79	1.21	.....	.27	.18	1.27	.....	.....	.80	.....
Ages. 65 to 70	11.51	.90	.....	.52	.18	1.90	.....	.....	2.21	.....
Ages. 70 to 75	8.95	.30	.....	1.32	.09	1.90	.....	.....	1.61	.....
Ages. 75 to 80	5.11	.30	.....	.27	.....	1.27	.....	.31	1.20	.....
Ages. 80 and over	4.86	.60	.25	.52	.09	2.53	.....	.....	1.41	.....
Ages. Unknown	1.53	1.20	1.50	1.06	.80	.63	.78	.....	2.81	2.16

[a] Excluding deaths in unknown months.

MORTALITY FROM CANCER.

In Table 84 are given some of the statistics concerning cancer for the fifteen years, 1872-1886, by which it appears that 4,172 deaths have been returned from this disease during these years. Of this number 1,818, or 43.58 per cent, were males and 2,354, or 56.42 per cent were females. Taking into consideration the excess of the male population over that of the female in the State, the excess of deaths among the females is considerably greater than the results in the table imply.

There were 391 deaths from cancer in 1886, as compared with 403 in 1885, 361 in 1884, 383 in 1883, and 301 in 1882. The average number for the fifteen years, 1872-1886, was 278. In 1886 the largest number of deaths from cancer occurred in the months of July and October, and over 56 per cent of the whole number were at ages between forty-five and seventy; only 28 were returned at ages under thirty.

More than one-half of the deaths are returned under the general term cancer without specifying the organs affected. Of those in which the part of the body affected is stated, cancer of the stomach exceeds all others by a large majority.

TABLE 84.—*Deaths from Cancer in Michigan returned for the Years 1872-1886, Indicating Part of Body Affected.*

Part Affected.	Total.	Males.	Females.	Part Affected.	Total.	Males.	Females.
Aggregate, 15 years, 1872-1876.	4,172	1,818	2,354	Cancer of lungs	6	3	3
				Cancer of mouth	66	46	20
Cancer of arm	6	3	3	Cancer of neck	18	14	4
Cancer of bladder	8	7	1	Cancer of nose	2	2	.....
Cancer of bowels	91	31	60	Cancer of œsophagus	3	1	2
Cancer of breast	281	19	262	Cancer of pancreas	3	2	1
Cancer of eye	13	7	6	Cancer of rectum	15	9	6
Cancer of face	126	92	34	Cancer, rose	8	4	4
Cancer of foot	3	3	.....	Cancer of shoulder	2	2	.....
Cancer in groin	4	3	1	Cancer of side	11	2	9
Cancer of hand	3	2	1	Cancer of spine	4	1	3
Cancer of head	25	14	11	Cancer of stomach	1,013	635	378
Cancer of heart	2	1	1	Cancer of throat	42	23	19
Cancer of hip	1	1	.....	Cancer of tongue	16	10	6
Cancer, internal	28	9	19	Cancer (unspecified)	2,096	810	1,286
Cancer of kidneys	4	4	.....	Cancer of urethra	1	.....	1
Cancer of leg	16	11	5	Cancer, uterus	174	.....	174
Cancer of liver	81	47	34				

METEOROLOGY AND ITS RELATION TO DEATHS.

In the following tables are given the deaths from certain diseases supposed to be influenced by the varying meteorological conditions which constitute the climate of a country, and so arranged as to show the number of deaths in each month with the coincident meteorology. The observations and data on which these tables are based were made and furnished to this department by the State Board of Health, State Agricultural College, and the U. S. Signal Service.

The average monthly and yearly temperature for ten years is exhibited in Table 85, by which it appears that the average temperature for 1886 differs but little from the ten-year average. The monthly average for 1886 of the three coldest months combined is nearly three degrees above that of 1885, being 20.26 to 17.34, and it is over three degrees below the ten year average, 23.85, for the same three months. The July average is below that of 1885, while those of August and September are above.

As was the case in 1885, the yearly average is below the ten-year average, and while the cold months, January, February, and December, are below that average, the hot months, July, August, and September, are slightly above it.

TABLE 85.—TEMPERATURE.—*Average by Years and by Months, for the Years 1877 to 1886, inclusive, at the Agricultural College. (Results of Observations by Prof. R. C. Kedzie.)*

Years.	Annual Average.	Average Temperature, stated in Degrees Fahrenheit, by Months.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1877	47.42	18.07	32.31	24.51	46.16	58.25	65.93	71.43	68.46	61.28	50.83	35.24	36.57
1878	48.29	29.11	28.07	40.90	50.55	54.57	64.08	73.04	70.15	63.15	48.33	36.29	21.29
1879	46.88	19.19	20.40	33 19	44.84	58.76	66.02	74.03	70.00	56.21	57.28	38.22	27.46
1880	47.28	37.10	29.19	35.50	45.87	64.30	67.60	68.04	68.58	55.83	46.23	27.52	22.07
1881	48.73	16.98	21.58	30.28	45.59	65.24	64.31	73.43	72.69	69.69	52.51	38.20	34.31
1882	47.57	24.89	35.12	35.96	44.70	52.73	66.49	67.71	69.52	59.98	52.67	36.30	24.80
1883	43.51	14.39	19.76	24.89	43.48	52.78	65 87	68.94	64.90	56.43	46.17	38.08	26.39
1884	45.66	15.46	23.43	29.89	43.66	56.90	68.92	67.95	66.91	65.06	50.91	34.11	24.71
1885	42.90	15.34	8.94	21.26	43.59	55.76	64.69	72.70	63.62	58.94	44.95	37.22	27.75
1886	46.20	18.78	22.27	31.33	50.18	58.06	65.72	70.68	69.30	62.07	52.37	33.94	19.74
Average for 10 Years.a	46.44	20.93	24.11	30.77	45.86	57.74	65.96	70.80	68.41	60.86	50.23	35.51	26.51

a Average for 10 years ending with 1886.

TABLE 86.—PRESSURE OF THE ATMOSPHERE.—*Observations of Barometer reduced to freezing point, for each of the Years 1877 to 1886, inclusive, and the Average for Ten Years ending with 1886, at the Agricultural College, Lansing, Michigan. (Based upon Observations by Prof. R. C. Keazie.)*

Years.	Annual Average.	Pressure of the Atmosphere, Stated in Inches of Mercurial Column, by Months.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1877	29.066	29.057	29.124	28.981	28.974	29.056	29.020	29.062	29.046	29.121	29.077	29.099	29.180
1878	29.053	29.099	29 026	29.027	28.875	29.013	29.030	29.085	29.010	29.157	29.080	29.081	29.147
1879	29.080	29.130	29.107	29.102	29.050	29.116	29.073	29.057	29.100	29.152	29.160	29.027	29.032
1880	29.096	28.995	29 077	29.181	28.984	29.061	29.065	29.068	29.126	29.093	29.130	29.215	29.155
1881	29.087	29.077	29.152	28.899	29.064	29.116	29.018	29.093	29.117	29.077	29.181	29.120	29.134
1882	29.094	29.134	29.041	29.098	29 088	29.065	28.959	29.096	29.062	29.186	29.112	29.175	29.112
1883	29.107	29.129	29.252	29.059	29.042	29.007	28.998	29.072	29.154	29.162	29.158	29.128	29.124
1884	29.087	29.118	29.081	29.071	29.011	28.995	29.256	29.004	29.120	29.118	29.028	29.111	29.127
1885	29.066	29.144	29.006	29.093	29.097	28.988	29.105	29.052	29.061	29.115	29.056	29.013	29.062
1886	29.089	29.061	29.093	29.000	29.113	29.023	29.055	29.051	29.049	29.135	29.253	29.061	29.173
Average a	29.083	29.094	29.096	29.051	29.030	29.044	29.058	29.064	29 085	29.132	29.124	29.103	29.125

a Average for 10 years ending with 1886.

Croup.—The number of deaths from this disease reported in 1886 was 400, which was the greatest number ever returned for any one year since the registration in this State. The number of deaths from this cause for the past ten years has been as follows: 337 in 1885, 325 in 1884, 336 in 1883, 349 in 1882, 380 in 1881, 322 in 1880, 278 in 1879, 236 in 1878, 164 in 1877, and 178 in 1876. The average for these years was 291, while the average for the ten years, 1877-1886, was 313.

The death-rate from croup, as compared with the total mortality, was also higher for 1886 than for any preceding year, being 2.20 per cent, and the nearest approach to this rate was 2.12 in 1882.

The great fatality of infancy was again shown, the deaths under five years of age being 81.50 per cent of the whole number. The cold months of the year, as usual, show the largest proportion of deaths, over sixty per cent occurring in the months of November, December, March, October, and January.

Table 87 shows the relation of certain meteorological data to deaths from croup, and is constructed with regard to propositions given in the foot-notes. This table resembles, in its construction and relations, that of several succeeding ones.

TABLE 87.—*Deaths returned from Croup in Michigan, by Months, during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Croup, greatest first.	Deaths from Croup, 1886. Number.	Deaths from Croup, 1886. Per Cent of Total.	Temperature, Degrees Fahr. Average Daily Range by Registering Thermometers.	Temperature, Degrees Fahr. Average of Three Daily Observations.	Humidity of Atmosphere, etc., Monthly Averages. Relative Per Cent of Saturation.	Humidity of Atmosphere, etc., Monthly Averages. Absolute Grains of Vapor in a Cubic foot of Air. a	Humidity of Atmosphere, etc., Monthly Averages. Weight in Troy Ounces, of Vapor Inhaled by one person in 24 hours b	Humidity of Atmosphere, etc., Monthly Averages. Weight in Troy Ounces of Vapor Exhaled from Air passages in 24 hours in excess of vapor inhaled. c	Ozone,—Relative Maximum =10. Day,—7 A. M. to 2 P. M.	Ozone,—Relative Maximum =10. Night,—9 P. M to 7 A. M.	Average Velocity of Wind,—Miles per hour,—by Registering Anemometer.	Average Pressure of Atmosphere. (Barometer Reduced to 32° Fahr.)
Year, 1886	d397	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths. November	64	16.12	15.11	34.32	76	2.02	1.26	10.42	3.30	3.59	12.0	29 137
December	56	14.11	15.44	20.44	82	1.36	.85	10.83	3 54	3.60	10.3	29.262
March	47	11.84	15.93	30.10	80	1.82	1.14	10.54	2.89	3.63	10.1	29.126
October	40	10.08	19.31	e51.84	75	3.64	f 2.28	9.40	3.14	3.53	8.8	29.331
January	35	8.82	13.65	18.72	85	1.32	.83	10.85	2.87	3.89	10.5	29.188
Average	33	8.33	18 53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Av. No. of Deaths. February	33	8.31	17.40	e21.18	82	1.48	f .93	10.75	2.92	3.90	11.2	29.198
June	25	6.30	22.02	63.31	72	4.98	3.11	8.57	2.89	3.28	7.3	29.161
April	24	6.04	20.11	46.04	76	3.11	f 1.94	9.74	2.89	3.26	8.7	29.230
July	24	6.04	22.94	68.68	71	5.59	3.49	8.19	2.51	2.88	7.0	29.159
August	18	4.53	19.77	67.36	75	5.75	3.59	8.09	3.04	3.28	7.4	29.166
May	16	4.03	21.87	54.69	72	3.82	2.39	9.29	2.91	3.27	8.4	29.128
September	15	3.78	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.222

a Calculated from readings of Dry Bulb and Wet Bulb Thermometers.
b Calculated for 18 respirations per minute of 20 cubic inches of air each.
c Assuming the air exhaled to be saturated with vapor at the temperature of 98° F., each cubic foot containing 18.69 grains, 18 respirations per minute, of 20 cubic inches of air each, making 11.68 Troy ounces of vapor exhaled daily. No correction made for expansion of air after being inhaled.
d Includes 104 deaths from Membranous Croup, and excludes 3 deaths in unknown months.
e Exceptions to the proposition that *more* than an average number of deaths from croup occurred in months when the Average Daily Temperature was *less* than the average, and *vice versa*.
f Exceptions to the proposition that *more* than an average number of deaths from croup occurred in months in which there was *less* than the average quantity of vapor inhaled, and *vice versa*.

Diphtheria.—For four years there has been comparatively little change in the number of deaths from diphtheria, which number 1,117 in 1886, an increase of 63 over 1885. In proportion to all deaths the rate is lower this year than last, the per cent being 6.14 to 6.33. The four years from 1879 to 1882, inclusive, had shown a large death-rate from

this cause, especially in 1881, when the number of deaths reached 2,063, the average for these years being 1,624 to 1,061 for the four years from 1883 to 1886. But the mortality from this disease was very low for the four years still preceding, from 1875 to 1878, when the average was only 500. The deaths reported from this dread disease for twelve years are given herewith :

1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.
207	311	593	887	1,473	1,542	2,063	1,416	1,007	1,065	1,054	1,117

The ten-year average, 1877-1886, shows a gradual increase, being 1,222 this year to 1,141 in 1885 and 1,056 in 1884. The average for the years since 1879 is 1,342 as against 1,374 last year.

As regards age, 75.65 per cent of the deaths from diphtheria were of children under ten. By periods, 43.78 per cent were under five, 31.87 per cent were from five to ten, 12.09 from ten to fifteen, with about 12.26 per cent above that age.

By geographical divisions, the deaths were as shown in the following tabular exhibit, which gives also the relation of these deaths to the deaths from all causes. As usual, the largest proportion or percentage is shown by the northern central, although it stands nearly two per cent lower than for last year, and the southeastern is again second with a trifle lower rate than in 1885. The central shows the greatest falling off from 1885, the proportion of deaths being over 35 per cent less, or 2.78 per cent of the total deaths from all causes. The southern central shows the largest gain, about 24 per cent, or 2.02 per cent of the total deaths.

State and Geographical Divisions.	Total Mortality from all Causes.	Deaths from Diphtheria.	Per Cent of Deaths from Diphtheria to Deaths from all Causes.
State	18,187	1,117	6.14
Upper Peninsular	1,355	106	7.82
Northwestern	470	10	2.13
Northern	396	9	2.27
Northeastern	355	20	5.63
Western	1,882	66	3.51
Northern Central	574	72	12.54
Eastern	2,888	172	5.96
Central	2,259	76	3.36
Southwestern	1,081	43	3.98
Southern-Central	2,661	141	5.30
Southeastern	4,266	402	9.42

Table 88 gives the deaths from diphtheria in detail by months and with certain coincident meteorological conditions. It will be noted that there are but three exceptions in 1886 to proposition "b" and but four to proposition "c," which propositions are explained in the foot-notes to the table. There were five exceptions to each in 1885.

TABLE 88.—*Deaths returned from Diphtheria in Michigan, by Months, during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Diphtheria, greatest first.	Deaths from Diphtheria, 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,—Relative Maximum = 10.			
	Number.	Per Cent of Total.	Average Daily Range by Registering Thermometers.	Average of Three Daily Observations.	Relative Per Cent of Saturation.	Absolute Grains of Vapor in a Cubic Foot of Air. a	Weight in Troy Ounces of Vapor Inhaled by One Person in 24 Hours. a	Weight in Troy Ounces of Vapor Exhaled from Air Passages in 24 hours in Excess of Vapor Inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Average Velocity of Wind,—Miles per Hour,—by Registering Anemometer.	Average Pressure of Atmosphere. (Barometer Reduced to 32° Fahrenheit.)
Year, 1886	*1,114	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths.												
December	147	13.20	15.44	20.44	82	1.36	.85	10.83	3.54	3.60	10.3	29.262
October	134	12.03	19.31	b51.84	75	3.64	c 2.28	9.40	3.14	3.53	8.8	29.331
November	132	11.85	15.11	34.32	76	2.02	1.26	10.42	3.30	3.59	12.0	29.137
February	93	8.35	17.40	21.18	82	1.48	.93	10.75	2.92	3.90	11.2	29.198
Average	93	8.33	18 53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Average No. of Deaths.												
January	92	8.26	13.65	b18.72	85	1.32	c .83	10.85	2.87	3.89	10.5	29.188
March	85	7.63	15.93	b30.10	80	1.82	c 1.14	10.54	2.89	3.63	10.1	29.126
June	81	7.27	22.02	63.31	72	4.98	3.11	8.57	2.89	3.28	7.3	29.161
September	81	7.27	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.222
August	73	6.55	19.77	67.36	75	5.75	3.59	8.09	3.04	3.28	7.4	29.166
May	69	6.19	21.87	54.69	72	3.82	2.39	9.29	2.91	3.27	8.4	29.128
July	66	5.92	22.94	68.68	71	5.59	3.49	8.19	2.51	2.88	7.0	29.159
April	61	5.48	20.11	46.04	76	3.11	c 1.94	9.74	2.89	3.26	8.7	29.230

a See foot-notes to Table 87, page 221.
b Exceptions to the proposition that *more* than an average number of deaths from Diphtheria occurred in months when the Average Daily Temperature was *less* than the average, and *vice versa*.
c Exceptions to the proposition that *more* than an average number of deaths from Diphtheria occurred in months when *less* than the average quantity of vapor was inhaled, and *vice versa*.
* Excluding 3 deaths in unknown months.

Typhoid Fever.—The number of deaths from this cause in 1886 was 498, which was 111 more than that of 1885 and 11 more than the average for the ten years, 1877-1886. The rate per cent of mortality from typhoid fever to the total mortality was 2.74, which was 1.86 per cent less than that of the year 1881 when the greatest number of deaths from typhoid fever occurred.

There were 262, or 53 per cent, of deaths among males and 236, or 47 per cent, among females, and each year, except 1879, the mortality among the males exceeds that among females, the average per cent of difference being about eight.

The greatest monthly mortality occurred in September, which contributed 92, or 18.47 per cent, of the deaths, and 69.67 per cent of the total number occurred in the last five months of the year. Nearly 44 per cent of the deaths were of persons between fifteen and thirty years of age, and 31.93 per cent of the deaths were between fifteen and twenty-five.

Table 89 shows the relation of deaths from typhoid fever to certain atmospheric conditions.

TABLE 89.—*Deaths returned in Michigan from Typhoid Fever, by Months, during the Year 1886, and some Coincident Meteorological Conditions.*

Months in Order by Number of Deaths From Typhoid Fever, greatest first.	Deaths from Typhoid Fever, 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,—Relative Maximum =10.		Average Velocity of Wind,—Miles per Hour,—by Registering Anemometer.	Average Pressure of Atmosphere. (Barometer Reduced to 32° Fahr.)
	Number.	Per Cent of Total.	Average Daily Range by Registering Thermometer.	Average of Three Daily Observations.	Relative Per Cent of Saturation.	Absolute—Grains of Vapor in a Cubic Foot of Air. a	Weight in Troy Ounces, of Vapor Inhaled by One Person in 24 hours. a	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 Hours in Excess of Vapor Inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.		
Year, 1886	496	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths.												
September	92	18.55	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.222
October	90	18.14	19.31	51.84	75	3.64	2.28	9.40	e 3.14	e 3.53	8.8	29.331
November	70	14.11	b 15.11	c 34.32	76	d 2.02	1.26	10.42	e 3.30	e 3.59	12.0	f 29.137
December	48	9.68	b 15.44	c 20 44	82	d 1.36	.85	10.83	e 3.54	e 3.60	10.3	29.262
August	47	9.48	19.77	67.36	75	5.75	3.59	8.09	e 3.04	3.28	7.4	f 29.166
Average	41	8.33	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Av. No. of Deaths.												
March	27	5.44	15.93	30.10	80	1.82	1.14	10.54	e 2.89	3.63	10.1	29.126
July	24	4.84	b 22.94	c 68.68	71	d 5.59	3.49	8.19	e 2.51	e 2.88	7.0	29.159
January	23	4.64	13.65	18.72	85	1.32	.83	10.85	e 2.87	3.89	10.5	29.188
February	22	4.44	17.40	21.18	82	1.48	.93	10.75	e 2.92	3.90	11.2	f 29.198
April	22	4.43	b 20.11	c 46.04	76	3.11	1.94	9.74	e 2.89	e 3.26	8.7	f 29.230
May	21	4.23	b 21.87	c 54.69	72	d 3.82	2.39	9.29	e 2.91	e 3.27	8.4	29.128
June	10	2.02	b 22.02	c 63.31	72	d 4.98	3 11	8.57	e 2.89	e 3.28	7.3	29.161

a See foot-notes to Table 87, page 221.

b Exceptions to the proposition that the Average Daily Range of Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

c Exceptions to the proposition that the Average Daily Temperature was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

d Exceptions to the proposition that the Absolute Humidity was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

e Exceptions to the proposition that the Ozone was *less* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

f Exceptions to the proposition that the Atmospheric Pressure indicated by the Barometer was *greater* than the average in months when *more* than the average number of deaths occurred, and *vice versa*.

The total deaths from diarrheal diseases, shown in Table 90, are 1,516, being nearly 50 per cent more than in 1885 and nearly 20 per cent above the average for the twelve years, 1875-1886, and has been exceeded in the years 1881 and 1884 only. The increase is mainly in diarrhea and cholera infantum, the latter showing the greatest number, 293 more than in 1885.

TABLE 90.—*Deaths returned from Diarrheal Diseases in Michigan during the Years 1875-1886, and the Average for twelve Years.*

Years.	Diarrhea.	Dysentery.	Cholera Infantum.	Cholera.	Enteritis.	Diarrheal Diseases.
1875	283	162	289	2	218	954
1876	304	195	331	12	239	1,081
1877	290	218	370	15	226	1,119
1878	173	158	243	4	214	792
1879	226	135	306	6	237	904
1880	310	160	499	26	267	1,262
1881	501	270	857	17	342	1,987
1882	259	96	428	13	276	1,072
1883	267	114	465	3	294	1,143
1884	409	160	781	.....	350	1,700
1885	261	105	360	.....	324	1,050
1886	378	158	653	.....	327	1,516
Average	305	161	465	8	276	1,215

Diarrhea.—The deaths from this disease exceed those in 1885 by 117, and are 73 above the twelve-year average, being exceeded by the years 1881 and 1884 only. The per cent to deaths from all causes is 2.08, while it was 1.57 in 1885 and 2.27 in 1884.

There is a much larger monthly variation this year than in 1885, the difference between the minimum and maximum months being 33.16, while it was but 20.31 in 1885. August is again at the head with over a third of the total mortality to its credit. In 1885 August and July were about equal, this year July shows about the same number of deaths as it did last year, but August has more than doubled, while September has nearly three times as many as in 1885. October takes the place of June as one of the four months showing deaths above the monthly average.

In temperature August stands 4.13 degrees, September 2.01, October 6.06 higher, and July 2.45 lower than in 1885, showing plainly the apparent relation of increase in number of deaths to increase in temperature.

TABLE 91.—*Deaths returned in Michigan from Diarrhea, by Months, during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Diarrhea, greatest first.		Deaths from Diarrhea, 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,-Relative Maximum =10.			
		Number.	Per Cent of Total.	Average Daily Range by Registering Thermometers.	Average of Three Daily Observations.	Relative Per Cent of Saturation.	Absolute Grains of Vapor in a Cubic Foot of Air. a	Weight in Troy Ounces of Vapor Inhaled by one Person in 24 hours. a	Weight in Troy Ounces of Vapor Exhaled from Air Passages in 24 hours in Excess of Vapor Inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Average Velocity of Wind,—Miles per hour,—by Registering Anemometer.	Average Pressure of Atmosphere. (Barometer Reduced to 32° Fahr.)
Year, 1886		* 377	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths.	August	128	33.95	19 77	67.36	75	5.75	f 3.59	8.09	3.04	3.28	7.4	g 29.166
	September	93	24.67	18.83	61.15	d 78	4.94	f 3.09	8.59	2.94	3.45	9.0	29.222
	July	58	15.38	22.94	68.68	71	5.59	f 3.49	8.19	2.51	2.88	7.0	g 29.159
	October	34	9.02	19.31	51.84	75	3.64	f 2.28	9.40	3.14	3.53	8.8	29.331
Average		31	8.33	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Av. No. of Deaths.	May	13	3.45	b 21.87	c54.69	d 72	e3.82	2.39	9.29	2.91	3.27	8.4	29.128
	June	11	2.92	b 22.02	c63.31	d 72	e4.98	3.11	8.57	2.89	3.28	7.3	29.161
	December	10	2.65	15.44	20.44	82	1.36	f .85	10.83	3.54	3.60	10.3	g 29.262
	April	9	2.39	b 20.11	c46.04	d 76	3.11	f 1.94	9.74	2.89	3.26	8.7	g 29.230
	November	9	2.39	15.11	34.32	d 76	2.02	f 1.26	10.42	3.30	3.59	12.0	29.137
	March	5	1.33	15.93	30.10	80	1.82	f 1.14	10.54	2.89	3.63	10.1	29.126
	January	4	1.06	13.65	18.72	85	1.32	f .83	10.85	2.87	3.89	10.5	29.188
	February	3	.79	17.40	21.18	82	1.48	f .93	10.75	2.92	3.90	11.2	g 29.198

a See foot-notes to Table 87, page 221.

b Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Range of Temperature was *greater* than the average, and *vice versa*.

c Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily Temperature was *higher* than the average, and *vice versa*.

d Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Relative Humidity of the Atmosphere was *less* than the average, and *vice versa*.

e Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Absolute Humidity of the Atmosphere was *greater* than the average, and *vice versa*.

f Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in the months when the amount of Ozone in the Atmosphere was *less* than the average, and *vice versa*.

g Exceptions to the proposition that *more* than the average number of deaths from Diarrhea occurred in months when the Average Daily pressure of the Atmosphere was *greater* than the average, and *vice versa*.

* Excluding one death in unknown month.

Scarlet Fever.—The number of deaths, 319, returned from scarlet fever in 1886 was more by 74 than that of the preceding year and less by 7 than that of 1884. The largest number of deaths ever returned in this State from this disease was in 1870, when the

number was 852, and the annual average number for the 17 years, 1870-1886, was 477. According to the returns, the greatest mortality from this cause was in the month of December, and the least was in the month of August. The mortality was quite evenly distributed through most of the months.

Of the 319 decedents from this cause 161 were males and 158 were females. The deaths among children under five years of age were 206, or 64.58 per cent; among those between five and ten there were 73, or 22.89 per cent, making 279, or 87.47 per cent under ten years of age.

Table 92 furnishes an opportunity of studying the relation of scarlet fever to certain meteorological conditions. Two or three atmospheric conditions seem to be related to this disease, as may be seen by reference to the foot-notes.

TABLE 92.—*Deaths returned in Michigan from Scarlet Fever, by Months, during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Scarlet Fever, greatest first.	Deaths from Scarlet Fever 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,—Relative Maximum =10.			
	Number.	Per Cent of Total.	Average Daily Range by Registering Thermometers.	Average of Three Daily Observations.	Relative Per Cent of Saturation.	Absolute Grains of Vapor in a Cubic Foot of Air. a	Weight in Troy Ounces of Vapor inhaled by one person in 24 hours. a	Weight in Troy Ounces of Vapor exhaled from Air Passages in 24 hours in excess of vapor inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Average Velocity of Wind,—Miles per Hour,—by Registering Anemometer.	Average pressure of Atmosphere, (Barometer Reduced to 32° Fahr.)
Year, 1886	319	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths. December	41	12.85	15.44	20.44	82	1.36	.85	10.83	3.54	3.60	10.3	29.262
May	35	10.97	21.87	b54.69	72	c3.82	2.39	9.29	2.91	3.27	8.4	29.128
January	29	9.09	13.65	18.72	85	1.32	.83	10.85	2.87	3.89	10.5	29.188
March	28	8.78	15.93	30.10	80	1.82	1.14	10.54	2.89	3.63	10.1	29.126
November	27	8.47	15.11	34.32	76	2.02	1.26	10.42	3.30	3.59	12.0	29.137
Average	27	8.33	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Av. No. of Deaths. June	25	7.84	22.02	63.31	72	4.98	3.11	8.57	2.89	3.28	7.3	29.161
September	25	7.84	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.222
April	24	7.52	20.11	46.04	76	c3.11	1.94	9.74	2.89	3.26	8.7	29.230
July	24	7.52	22.94	68.68	71	5.59	3.49	8.19	2.51	2.88	7.0	29.159
February	22	6.90	17.40	b21.18	82	c1.48	.93	10.75	2.92	3.90	11.2	29.198
October	20	6.27	19.31	51.84	75	3.64	2.28	9.40	3.14	3.53	8.8	29.331
August	19	5.95	19.77	67.36	75	5.75	3.59	8.09	3.04	3.28	7.4	29.166

a See foot-notes to Table 87, page 221.

b Exceptions to the proposition that the Average Daily Temperature was *lower* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

c Exceptions to the proposition that the Absolute Humidity of the atmosphere was *less* than the average in months when *more* than the average number of deaths from Scarlet Fever occurred, and *vice versa*.

Consumption.—Although the proportion of deaths from consumption to deaths from all causes is a trifle less in 1886 than in 1885, and nearly one per cent less than in 1884, this disease still stands at the head in the number and proportion of its decedents. The deaths number 2,051, against 1,964 in 1885 and 2,198 in 1884, the percentage to total deaths being 11.28 to 11.80 in 1885 and 12.17 in 1884. The total deaths from this disease since 1869 have been 30,137, or an average of 1,674 per year for the 18 years. This average is 22 higher than was given for the 17 years in the report for 1885. By sex the aggregate is 13,978 males and 16,159 females, the ratio being the same as in last report, 87 males to every 100 females. For 1886 the deaths were 950 males to 1,101 females, a ratio of 86 males to 100 females, as against 91 to 100 in 1885, approximating very closely to the average proportion of the sexes for the 18 years.

In the first tabulated exhibit is given the deaths by months and quarters, with the percentage of the year's deaths for each quarter. January shows the least, the same as in last report, and December stands highest, while April was highest in 1885. There is less uniformity by quarters this year than last, the greatest variation being 6.54 per cent, against but 4.94 in 1885. The last quarter showed the least per cent in 1885, but stands highest in 1886. In 1885 the first half-year showed excess over last half of 6.26 per cent, while this year there is an excess of 6.49 per cent in last half, showing a change in the relation of the half years of 12.75 per cent.

In the exhibit for the 18 years, 1869-1886, December is, as usual, the highest month, with April following closely and May next, while January shows the fewest deaths. By quarterly percentage the exhibit does not differ greatly from that for 1886, the first and third quarters being nearly the same, the second larger, and the last smaller, making the excess of last half over first 3.67 instead of 6.49 as shown in 1886.

The deaths by periods of age can also be analyzed in these exhibits. It will be seen that for the period under ten the deaths for 1886 are 1.75 per cent below the proportion in the eighteen-year exhibit, but in the remaining periods they approximate each other much more closely. The period of 20 to 30, as usual, shows the largest percentage.

Table 93 gives the deaths with coincident meteorological conditions, the exceptions to note "c" being one less than in the last report.

Mortality from Consumption, by Months and Quarters, 1886.

Months.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
	119	127	187	182	182	160	157	167	199	182	179	206	4
Quarters	433			524			523			567			4
Per cent	21.11			25.55			25.50			27.65			19

Total Mortality from Consumption by Sex, Months, and Age, 1869-1886.

	Sex.			Months.												
	Males.	Females.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Males	13,978	.....	.....	826	944	1,271	1,335	1,306	1,100	1,096	1,175	1,227	1,156	1,149	1,345	48
Females	.....	16,159	.....	936	1,115	1,364	1,469	1,475	1,318	1,329	1,370	1,503	1,385	1,318	1,513	64
Total	.....	.....	30,137	1,762	2,059	2,635	2,804	2,781	2,418	2,425	2,545	2,730	2,541	2,467	2,858	112
Quarters	.....	.....	.....	6,456			8,003			7,700			7,866			112
Per cent	.....	.....	.....	21.42			26.56			25.55			26.10			.37

	Ages.											
	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 and over.	Unknown.
Males	1,011	176	206	818	3,173	2,318	1,809	1,626	1,546	905	160	230
Females	964	199	487	1,881	4,716	2,826	1,745	1,274	1,043	648	129	247
Totals	1,975	375	693	2,699	7,889	5,144	3,554	2,900	2,589	1,553	289	477
Per cent	6.55	1.25	2.30	8.96	26.18	17.07	11.79	9.62	8.59	5.15	.96	1.58

Mortality from Consumption, by Sex and Ages, 1886.

Ages.	Total Deaths.	Deaths from Consumption.	Per Cent at Several Ages.	Males.	Females.	Per Cent of Deaths to Population.
Under 10	7,937	124	6.05	63	61	.028
10 to 20	1,224	229	11.16	71	158	.060
20 to 30	1,600	539	26.28	213	326	.153
30 to 40	1,136	356	17.36	164	192	.139
40 to 50	1,082	265	12.92	137	128	.145
50 to 60	1,137	212	10.34	119	93	.170
60 to 70	1,427	176	8.58	100	76	.238
70 to 80	1,412	89	4.34	53	36	.290
80 and over	855	21	1.02	12	9	.273
Age not stated	377	40	1.95	18	22	2.415
Total	18,187	2,051	100.00	950	1,101	.111

TABLE 93.—CONSUMPTION.—*Deaths from Consumption returned in Michigan, by Months, during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Consumption, greatest first.	Deaths from Consumption, 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,—Relative Maximum =10.			
	Number.	Per Cent of Total.	Average Daily Range by Registering Thermometers.	Average of three Daily Observations.	Relative Per Cent of Saturation.	Absolute—Grains of Vapor in a Cubic foot of Air. a	Weight, in Troy Ounces, of Vapor inhaled by one person in twenty-four hours. a	Weight, in Troy Ounces, of Vapor exhaled from air passages in 24 hours in excess of vapor inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Average Velocity of Wind,—miles per hour,—by Registering Anemometer.	Average Pressure of Atmosphere. (Barometer Reduced to 32° Fahrenheit.)
Year, 1886	b 2,047	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Average No. of Deaths.												
December	206	10.06	15.44	c 20.44	82	1.36	d .85	10.83	3.54	3.60	10.3	29.262
September	199	9.72	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.222
March	187	9.14	15.93	c 30.10	80	1.82	d 1.14	10.54	2.89	3.63	10.1	29.126
May	182	8.89	21.87	54.69	72	3.82	2.39	9.29	2.91	3.27	8.4	29.128
April	182	8.89	20.11	46.04	76	3.11	d 1.94	9.74	2 89	3.26	8.7	29.230
October	182	8.89	19.31	51.84	75	3.64	2.28	9.40	3.14	3.53	8.8	29.331
November	179	8.75	15.11	c 34.32	76	2.02	d 1.26	10.42	3.30	3.59	12.0	29.137
Average	171	8.35	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Av. No. of Deaths.												
August	167	8.16	19.77	c 67.36	75	5.75	d 3.59	8.09	3.04	3.28	7.4	29.166
June	160	7.82	22.02	c 63.31	72	4.98	d 3.11	8.57	2.89	3.28	7.3	29.161
July	157	7.67	22.94	c 68.68	71	5.59	d 3.49	8.19	2.51	2.88	7.0	29.159
February	127	6.20	17.40	21.18	82	1.48	.93	10.75	2.92	3.90	11.2	29.198
January	119	5.81	13.65	18.72	85	1.32	.83	10.85	2.87	3.89	10.5	29.188

a See foot-notes to Table 87, page 221.
b Excluding 4 deaths in unknown months.
c Exceptions to the proposition that the Average Daily Temperature was *higher* than the average in months when *more* than the average number of deaths from Consumption occurred, and *vice versa*.
d Exceptions to the proposition that *more* than the average amount of vapor was inhaled in months in which there was *more* than the average number of deaths from Consumption, and *vice versa*.

Pneumonia.—Particulars as to the cause of deaths from pneumonia are amply shown in Tables 94 and 95. In a period of ten years the greatest number of deaths from this disease occurred in the month of March six times, and twice each in April and December. March and April are the two most fatal months in the average for ten years, 1877-1886, but for 1886 December returns the greatest number, followed by March and April as second and third respectively.

The average annual number of deaths from this cause for the 17 years, 1870-1886, was 667, and the average for the ten years, 1877-1886, was 700. The percentage of deaths from pneumonia to deaths from all causes in 1886 was 4.31, while the average percentage for the 17 years, 1870-1886, was 4.62.

Of the 783 decedents from pneumonia in 1886, 448 were males and 335 were females, or there were 134 males to each 100 females. This proportion for 1886 is the same as the average proportion for the ten years, 1877-1886. As regards age, 326 of the whole number, or 41.63 per cent, occurred in 1886 under the age of five years, as compared with 304, or 41.47 per cent in 1885. This is about the usual average for that period. Two hundred and sixteen, or 27.59 per cent, of the entire mortality from this cause were of persons over 50 years of age. This leaves only about 30 per cent between the ages of 5 and 50, and shows how much more fatal the disease is at the extremes of life.

Table 95 shows the relation of deaths from pneumonia to certain atmospheric conditions. It appears that in 1886 there were only two exceptions to the proposition that *less* than the average amount of vapor was inhaled in months when *more* than an average number of deaths from pneumonia occurred, and *vice versa*.

TABLE 94.—*By Months, the Number of Deaths returned from Pneumonia in Michigan during each of the Years, 1877–1886, and the Average for Ten Years ending with 1886.*

Years.	Total.	Deaths from Pneumonia,—1877-1886.												
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
1877	465	58	56	64	60	39	24	14	23	26	26	35	38	2
1878	462	36	37	59	54	37	30	15	19	22	35	53	65	...
1879	701	44	92	114	102	59	36	30	31	42	25	45	80	1
1880	812	56	82	111	113	79	37	29	36	51	44	68	105	1
1881	805	77	88	126	100	70	37	39	29	47	55	43	91	3
1882	735	59	65	84	82	94	58	29	29	36	43	57	97	2
1883	737	76	61	97	104	89	40	30	42	27	41	53	76	1
1884	767	68	101	106	83	67	39	34	42	34	30	70	90	3
1885	733	65	100	122	86	66	34	26	26	41	45	43	78	1
1886	783	57	62	113	100	63	48	32	28	36	46	76	121	1
Average for ten years	700	60	74	100	88	66	38	28	31	36	39	54	84	2

TABLE 95.—*Deaths returned from Pneumonia in Michigan during the Year 1886, and some coincident Meteorological Conditions.*

Months in Order by Number of Deaths from Pneumonia, greatest first.	Deaths from Pneumonia, 1886.		Temperature, Degrees Fahr.		Humidity of Atmosphere, etc., Monthly Averages.				Ozone,—Relative Maximum =10.			
	Number.	Per Cent of Total.	Average Daily Range by Registering Thermometers.	Average of Three Daily Observations.	Relative Per Cent of Saturation.	Absolute—Grains of Vapor in a Cubic Foot of Air. a	Weight, in Troy Ounces, of Vapor Inhaled by one person in 24 hours. a	Weight, in Troy Ounces, of Vapor Exhaled from Air Passages in 24 hours in excess of Vapor Inhaled. a	Day,—7 A. M. to 2 P. M.	Night,—9 P. M. to 7 A. M.	Average Velocity of Wind,—Miles per hour,—by Registering Anemometer.	Average Pressure of Atmosphere, (Barometer Reduced to 32° Fahr.)
Year, 1886	* 782	100.00	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
More than the Av. No. of Deaths. December	121	15.47	15.44	20.44	82	1.36	.85	10.83	3.54	3.60	10.3	29.262
March	113	14.45	15.93	30.10	80	1.82	1.14	10.54	2.89	3.63	10.1	29.126
April	100	12.79	20.11	b 46.04	76	3.11	1.94	9.74	2.89	3.26	8.7	29.230
November	76	9.72	15.11	34.32	76	2.02	1.26	10.42	3.30	3.59	12.0	29.137
Average	65	8.31	18.53	44.82	77	3.32	2.08	9.60	2.99	3.46	9.2	29.192
Less than the Average Number of Deaths. May	63	8.06	21.87	54.69	72	3.82	2.39	9.29	2.91	3.27	8.4	29.128
February	62	7.93	17.40	b 21.18	82	1.48	c .93	10.75	2.92	3.90	11.2	29.198
January	57	7.29	13.65	b 18.72	85	1.32	c .83	10.85	2.87	3.89	10.5	29.188
June	48	6.14	22.02	63.31	72	4.98	3.11	8.57	2.89	3.28	7.3	29.161
October	46	5.88	19.31	51.84	75	3.64	2.28	9.40	3.14	3.53	8.8	29.331
September	36	4.60	18.83	61.15	78	4.94	3.09	8.59	2.94	3.45	9.0	29.223
July	32	4.09	22.94	68.68	71	5.59	3.49	8.19	2.51	2.88	7.0	29.159
August	28	3.58	19.77	67.36	75	5.75	3.59	8.09	3.04	3.28	7.4	29.166

a See foot-notes to Table 87, page 221.
b Exceptions to the proposition that the Average Daily Temperature was *lower* than the average in months when *more* than an average number of deaths from Pneumonia occurred, and *vice versa*.
c Exceptions to the proposition that *less* than the average amount of vapor was inhaled in months when *more* than an average number of deaths from Pneumonia occurred, and *vice versa*.
* Excluding 1 death in unknown month.

The relative prevalence, in 1886, of consumption, pneumonia, typhoid fever, scarlet fever, and diarrhea in each of the eleven geographical divisions of the State, may be seen in Table 96. The divisions showing the highest rate per cent of deaths from consumption were the southwestern, central, and southern central, and those showing the least were the northeastern, upper peninsular, and northern central divisions. The mortality from pneumonia seems to have been more evenly distributed throughout the various geographical divisions, the highest being 4.77 per cent in the southern central and the lowest 3.28 in the northern, the difference being only 1.49 per cent. Typhoid fever had the highest rate per cent in the northern central, scarlet fever in the northeastern, and diarrhea in the upper peninsular.

TABLE 96.—*Exhibiting, for the State and Eleven Geographical Divisions, in 1886, the Number and Per Cent of Deaths returned from All Causes, from Consumption, Pneumonia, Typhoid Fever, Scarlet Fever, and Diarrhea.*

State and Geographical Divisions.	Deaths from all causes, 1886.	Consumption.		Pneumonia.		Typhoid Fever.		Scarlet Fever.		Diarrhea.	
		Number of deaths.	Per cent to deaths from all causes.	Number of deaths.	Per cent to deaths from all causes.	Number of deaths.	Per cent to deaths from all causes.	Number of deaths	Per cent to deaths from all causes.	Number of deaths.	Per cent to deaths from all causes.
State	18,187	2,051	11.28	783	4.31	498	2.74	319	1.75	378	2.08
Upper Peninsular	1,355	90	6.64	60	4.43	27	1.99	20	1.48	65	4.80
Northwestern	470	56	11.91	19	4.04	13	2.77	9	1.91	12	2.55
Northern	396	49	12.37	13	3.28	9	2.27	10	2.53	15	3.79
Northeastern	355	23	6.48	14	3.94	6	1.69	18	5.07	3	.85
Western	1,882	205	10.89	86	4.57	50	2.66	13	.69	54	2.87
Northern Central	574	46	8.01	23	4.01	31	5.40	2	.35	8	1.39
Eastern	2,888	283	9.80	126	4.36	75	2.60	17	.59	66	2.29
Central	2,259	302	13.37	107	4.74	71	3.14	14	.62	18	.80
Southwestern	1,081	167	15.45	50	4.63	46	4.26	6	.56	5	.46
Southern Central	2,661	354	13.30	127	4.77	72	2.71	21	.79	8	.30
Southeastern	4,266	476	11.16	158	3.70	98	2.30	189	4 43	124	2.91

Table 97 clearly sets forth the facts in regard to the locality of deaths from old age, those aged 70 and over and those under five. The southern central division shows the highest rate per cent of deaths from old age and those aged 70 and over, closely followed by the central, western, and southwestern divisions. Of those aged under five, the upper peninsular division, as usual, had the highest rate per cent and the southern central the lowest.

TABLE 97.—*Exhibiting, for the State and Eleven Geographical Divisions, the Number and Per Cent of Deaths returned at all Ages, from Old Age, of all Aged 70 and over, and of all Aged under 5, during the Year 1886.*

State and Geographical Divisions.	Deaths at all Ages,—1886.	Old Age.		Aged 70 and Over.		Aged under 5.	
		Number of Deaths.	Per Cent to Deaths at all Ages by Geographical Divisions.	Number of Deaths.	Per Cent to Deaths at all Ages by Geographical Divisions.	Number of Deaths.	Per Cent to Deaths at all Ages by Geographical Divisions.
State	18,187	865	4.76	2,267	12.46	7,055	38.79
Upper Peninsular	1,355	26	1.92	32	2.36	769	56.75
Northwestern	470	18	3.83	41	8.72	226	48.09
Northern	396	13	3.28	27	6.82	182	45.96
Northeastern	355	9	2.54	19	5.35	189	53.24
Western	1,882	101	5.37	221	11.74	836	44.42
Northern Central	574	11	1.92	40	6.97	235	40.94
Eastern	2,888	122	4.22	266	9.21	1,244	43.07
Central	2,259	145	6.42	415	18.37	650	28.77
Southwestern	1,081	60	5.55	187	17.30	316	29.23
Southern Central	2,661	196	7.37	591	22.21	611	22.96
Southeastern	4,266	164	3.84	428	10.03	1,797	42.12

In Table 98 may be seen the average age at death of decedents in Michigan for the years 1884, 1885, 1886, and the average for ten years, 1876-1885. The average age of males for the year 1886 was about 29 years, the same as in 1885, and the average age of females about 27 years, while in the average for ten years the age of the males was 27 years and the age of the females 26 years. Decedents from consumption show an average age of 38 years for males and 33 years for females. All who died aged 20 years and over, as shown by the returns, have an average age of 54 years for males and 50 years for females.

TABLE 98.—*Showing the Average Age of Decedents in Michigan during the Years 1884, 1885, 1886, and the Average for Ten Years, 1876–1885.*

	Year Ending	Average Age in Years and 100ths of a Year.			
		Total.	Males.	Females.	Excess of Males.
Deaths as shown by Registration Returns	Dec. 31, 1884	26.45	26.92	26.47	.45
Deaths of Native-born Inhabitants as shown by Registration Returns		20.56	20.44	20.88	-.44
Deaths of Foreign-born Inhabitants as shown by Registration Returns		48.84	48.65	48.20	.45
Deaths from Consumption by Registration Returns		34.53	36.73	32.95	3.78
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		54.14	56.75	51.27	5.48
All who died aged 20 years and over, as shown by Registration Returns		52.51	53.90	51.59	2.31
Deaths of Native-born Inhabitants aged 20 years and over, as shown by Registration Returns		51.84	53.89	49.69	4.20
Deaths of Foreign-born Inhabitants aged 20 years and over, as shown by Registration Returns		53.92	53.21	53.82	-.61
Deaths as shown by Registration Returns	Dec. 31, 1885	28.53	28.97	28.08	.89
Deaths of Native-born Inhabitants, as shown by Registration Returns		21.95	21.96	22.07	-.11
Deaths of Foreign-born Inhabitants, as shown by Registration Returns		49.90	51.41	48.37	3.04
Deaths from Consumption, by Registration Returns		36.97	39.13	35.02	4.11
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		52.07	54.46	49.03	5.43
All who died aged 20 years and over, as shown by Registration Returns		53.30	55.00	51.20	3.80
Deaths of Native-born Inhabitants aged 20 years and over, as shown by Registration Returns		51.22	54.86	50.07	4.79
Deaths of Foreign-born Inhabitants aged 20 years and over, as shown by Registration Returns		53.75	55.19	52.32	2.87
Deaths as shown by Registration Returns	Dec. 31, 1886	27.78	28.75	26.88	1.87
Deaths of Native-born Inhabitants, as shown by Registration Returns		21.80	22.22	21.36	.86
Deaths of Foreign-born Inhabitants, as shown by Registration Returns		49.25	50.31	48.47	1.84
Deaths from Consumption, by Registration Returns		36.37	39.41	34.04	5.37
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		51.98	53.62	49.77	3.85
All who died aged 20 years and over, as shown by Registration Returns		53.46	55.44	51.31	4.13
Deaths of Native-born Inhabitants aged 20 years and over, as shown by Registration Returns		52.66	55.02	49.73	5.29
Deaths of Foreign-born Inhabitants aged 20 years and over, as shown by Registration Returns		53.89	54.67	53.52	1.15
Deaths as shown by Registration Returns	Average for 10 Years, 1876-1885.	26.10	26.70	25.63	1.07
Deaths of Native-born Inhabitants, as shown by Registration Returns		20.41	20.50	20.55	-.05
Deaths of Foreign-born Inhabitants, as shown by Registration Returns		48.22	48.96	46.88	2.08
Deaths from Consumption, by Registration Returns		35.94	38.82	33.62	5.20
All aged 20 and over whose occupations were stated in Registration Returns of Deaths		52.31	54.37	49.98	4.39
All who died aged 20 years and over, as shown by Registration Returns		52.25	54.01	50.42	3.59
Deaths of Native-born Inhabitants aged 20 years and over, as shown by Registration Returns		51.22	53.97	48.99	4.98
Deaths of Foreign-born Inhabitants aged 20 years and over, as shown by Registration Returns		53.52	53.85	52.62	1.23

LONGEVITY OF DECEDENTS.

Another year is now added to the sixteen years embraced by Table 99 in 1885, making the table this year cover the aggregate observations of seventeen years. There is a slight rise in the average ages, the first three specifications being this year 51.96, 51.98, and 51.70, as against 51.83, 51.26, and 51.51 in last report. The average age of all males is 53.53, or 3.61 ears higher than for females, as shown in class twelve.

Comparison with last year's report shows that of the twelve classes into which the table is divided, all but one show an increase in the average age, varying from .02 in class four to .99 of a year in class eight. Class ten is the only one showing a falling off, the decrease being .65 of a year. Class twelve shows an increase of .14. The greatest difference is 16.76 years, and is between cultivators of the earth and seafaring men.

For the purpose of concisely exhibiting the sub-divisions showing greatest longevity, the following selections are made, giving number of decedents, occupation and average age:

No.	Males.	Av. Age.	No.	Females.	Av. Age.
46	Retired farmers	73.00	104	Weavers	68.01
81	Retired	72.48	64	Nurses	60.06
14	Weavers	72.21	26	Physicians	57.81
52	Spinners	71.44	22	Boarding-house keepers	56.86
16	Basket-makers	69.00	2,262	Farmers	54.85
308	Clergymen	64.29	127	Tailoresses	53.63
89	Millwrights	63.61	11	Basket-makers	52.50

In considering the sub-divisions showing low average ages, some minor points should not be overlooked, as for instance in the cases of students and clerks, the probabilities are that comparatively few persons pursue those avocations except during early life, that as they enter manhood the students become teachers ar active professional or business men, and clerks become merchants or enter upon business pursuits of their own; that is to say, that as a rule these and perhaps some others are not life-time pursuits. In studying these age exhibits considerations of such a nature should be borne in mind.

No.	Males.	Av. Age.	No.	Females.	Av. Age.
73	Students	23.10	28	Students	21.79
108	Brakemen	27.76	4	Factory employés	22.00
49	Woodsmen	33.01	6	Telegraphers	25.00
55	R. R. Firemen	33.36	20	Prostitutes	26.30
53	Telegraphers	33.73	4	Cigar-makers	28.50
563	Clerks	33 78	475	Teachers	29.80
20	Upholsterers	34.30	40	Clerks	29.55
20	Finishers	34.45	18	Hair-dressers	33.67
122	Printers	34.49	276	Dress-makers	33.97
114	Cigar-makers	36.31	20	Musicians	34.30
133	Moulders	37.84	149	Milliners	37.08

TABLE 99.—*Exhibiting, by Classified Occupations, the Number, Aggregate and Average Age of Decedents in Michigan, aged 20 Years and over, for the 17 Years, 1870-1886. One-half Year added to age of each for Months and Days excluded.*

Class.	Occcupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
	All Aged 20 Years and Over	100,886	5,241,991.00	51.96
	All Specified Occupations,—Aged 20 Years and Over	94,334	4,903,283.00	51.98
	Occupations Unspecified,—Aged 20 Years and Over	6,552	338,708.00	51.70
I.	Cultivators of the Earth	26,599	1,569,442.50	59.00
II.	Active Mechanics Abroad	2,818	148,891.00	52.83
III.	Active Mechanics in Shops	3,623	184,815.50	51.01
IV.	Inactive Mechanics in Shops	1,764	91,607.00	51.93
V.	Laborers,—No Special Trades	8,926	395,673.00	44.33
VI.	Agents,—Laborers Abroad, Etc.	1,894	82,357.00	43.48
VII.	Seafaring Men	692	29,227.00	42.24
VIII.	Soldiers	47	2,483.50	52.84
IX.	Business Men	4,243	200,652.50	47.29
X.	Professional Men	1,609	83,413.50	51.84
XI.	Unemployed	4,698	258,121.00	54.94
XII.	Females	43,973	2,195,307.50	49.92
I.	Cultivators of the Earth	26,599	1,569,442.50	59.00
	Farmers	26,217	1,548,391.50	59.06
	Farm Laborers	116	4,219.00	36.37
	Fruit Growers	12	640.00	53.33
	Gardeners	197	12,281.50	62.34
	Nursery Men	11	552.50	50.23
	Retired Farmers	46	3,358.00	73.00
II.	Active Mechanics Abroad	2,818	148,891.00	52.83
	Brick-makers	31	1,716.50	55.37
	Carpenters and Builders	2,034	106,629.00	52.42
	House-movers	8	454.00	56.75
	Masons	527	27,971.50	53.08
	Millwrights	89	5,661.50	63.61
	Ship Carpenters	55	2,829.50	51.45
	Stone Cutters	74	3,629.00	49.04

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
III.	Active Mechanics in Shops	3,623	184,815.50	51.01
	Bakers	94	4,772.00	50.77
	Blacksmiths	669	36,909.50	55.17
	Boiler-makers	32	1,341.00	41.91
	Book-binders	10	488.00	48.80
	Bottlers	3	84.50	28.17
	Brewers	94	4,390.00	46.70
	Broom-makers	11	544.50	49.50
	Cabinet-makers	157	8,216.50	52.33
	Carriage-makers	145	8,344.50	57.55
	Carriage Trimmers	9	425.50	47.28
	Chair-makers	2	100.00	50.00
	Confectioners	17	796.50	46.85
	Cooks	45	2,112.50	46.94
	Coopers	343	19,705.50	57.45
	Coppersmiths	10	595.00	59.50
	Dyers	13	658.50	50.65
	Finishers	20	689.00	34.45
	Foundrymen	12	599.00	49.92
	Gilders	8	260.00	32.50
	Glass-blowers	2	82.00	41.00
	Gunsmiths	45	2,599.50	57.77
	Machinists	223	11,286.50	50.61
	Marble-workers	21	940.50	44.79
	Mechanics	434	21,116.00	48.65
	Millers	252	13,906.00	55.18
	Model-makers	16	851.00	53.19
	Molders	133	5,032.50	37.84
	Painters	397	17,052.50	42.95
	Plasterers	20	1,046.00	52.30
	Plumbers	28	1,147.00	40.96
	Potters	6	418.00	69.67
	Rope-makers	5	291.50	58.30
	Sail-makers	4	195.00	48.75
	Saw-makers	5	235.50	47.10
	Sawyers	10	333.00	33.30
	Smelters	1	53.50	53.50
	Spinners	52	3,715.00	71.44

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
III.	Active Mechanics in Shops—(Continued).			
	Stove-mounters	12	505.00	42.08
	Tanners	36	1,909.00	53.03
	Tinners	81	3,478.50	42.94
	Turners	31	1,490.50	48.08
	Unclassified	19	837.50	44.08
	Upholsterers	20	686.00	34.30
	Wagon-makers	53	3,129.50	59.05
	Weavers	14	1,011.00	72.21
	Wood Carvers	9	435.50	48.39
IV.	Inactive Mechanics in Shops	1,764	91,607.00	51.93
	Barbers	140	5,565.00	39.75
	Basket-makers	16	1,104.00	69.00
	Cigar-makers	114	4,139.00	36 31
	Harness-makers	149	7,036.50	47.22
	Jewelers	98	4,803.00	49.01
	Lithographers	4	96.00	24.00
	Printers	122	4,208.00	34.49
	Shoemakers	687	41,221.50	60.00
	Silversmiths	4	151.00	37.75
	Tailors	377	21,495.50	57.02
	Telegraphers	53	1,787.50	33.73
V.	Laborers,—No Special Trades	8,926	395,673.00	44.33
	Choppers	8	285.00	35.63
	Ditchers	10	621.00	62.10
	Janitors	28	1,612.00	57.57
	Laborers	7,535	340,651.50	45.21
	Loggers	24	820.00	34.17
	Mill-hands	169	6,776.50	40.10
	Miners	897	34,496.50	38.46
	Miscellaneous	128	5,881.00	45.95
	Porters	17	636.50	37.44
	Rivermen	13	373.50	28.73
	Salt Packers	4	222.00	55.50
	Servants	31	1,165.50	38.24
	Well-diggers	13	514.50	39.58
	Woodsmen	49	1,617.50	33.01

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
VI.	Agents, Laborers Abroad, Etc	1,894	82,357.00	43.48
	Agents	109	5,033.50	46.18
	Baggagemen	22	854.00	38.82
	Brakemen	108	2,998.00	27.76
	Butchers	231	10,669.50	46.19
	Collectors	9	412.50	45.83
	Commercial Travelers	41	1,733.50	42.28
	Conductors	57	2,123.50	37.25
	Constables	12	576.00	48.00
	Draymen	79	4,136.50	52.36
	Drovers	42	2,011.00	47.88
	Engineers	20	1,001.00	50.05
	Hackmen	40	1,870.00	46.75
	Hostlers	12	532.00	44.33
	Hunters and Trappers	38	1,940.00	51.05
	Indian Chief	1	104.50	104.50
	Inspectors of oil, gas, salt, etc	6	271.00	45.17
	Jockeys	4	141.00	35.25
	Mail Carriers	3	161.50	53.83
	Milk Peddlers	13	707.50	54.42
	Overseers and Superintendents	39	1,869.50	47.94
	Peddlers	142	7,175.00	50.53
	Policemen	28	1,156.00	41.29
	Railroad Engineers	320	13,085.00	40.89
	Railroad Expressmen	12	544.00	45.33
	Railroad Firemen	55	1,851.50	33.66
	Railroad Laborers	153	5,785.50	37.81
	Railroad Men	56	2,373.00	42.38
	Sextons	7	387.50	55.36
	Station Agents	5	132.50	26.50
	Switchmen	17	543.50	31 97
	Teamsters	184	8,553.00	46.48
	Toll-gate Keepers	4	240.00	60.00
	Watchmen	18	887.00	49.28
	Whitewashers	7	497.50	71.07
VII.	Seafaring Men	692	29,227.00	42.24
	Fishermen	130	6,006.00	46.20

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
VII.	Seafaring Men—(Continued).			
	Officers	48	2,362.00	49.22
	Sailors	509	20,568.50	40.41
	United States Navy	5	290.50	58.10
VIII.	Soldiers	47	2,483.50	52.84
	Officers	5	276.50	55.30
	Soldiers	42	2,207.00	52.55
IX.	Business Men	4,243	200,652.50	47.29
	Auctioneers	5	265.50	53.10
	Bankers	91	5,326.50	58.53
	Book-keepers	215	8,866.50	41.24
	Capitalists	69	4,325.50	62.69
	Clerks	563	19,015.50	33.78
	Commission Merchants	19	1,032.50	54.34
	Contractors and Jobbers	66	3,784.00	57.33
	Druggists	121	5,361.50	44.31
	Expressmen	5	221.50	44.30
	Furniture Dealers	8	360.00	45.00
	Grain Buyers	19	968.50	50.97
	Grocers	196	9,267.00	47.28
	Hatters	17	963.50	56.65
	Hotel Clerks	6	226.00	37.67
	Hotel-keepers	278	14,508.00	52.19
	Insurance Agents	65	3,362.50	51.73
	Justices of the Peace	39	2,588.50	66.37
	Liquor Dealers	17	735.50	43.26
	Liverymen	56	2,477.00	44.23
	Lumbermen	441	20,374.50	46.20
	Manufacturers	170	8,801.00	51.77
	Merchants	1,063	53,806.50	50.61
	Mill Owners	5	200.50	40.10
	News Agents	10	379.00	37.90
	Public Officers	132	6,906.00	52.32
	Real Estate Dealers	57	3,398.50	59.62
	Restaurant-keepers	21	997.50	47.50
	Salesmen	67	2,972.50	44.37

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
IX.	Business Men—(Continued).			
	Saloon-keepers	374	16,428.00	43.93
	Undertakers	17	876.50	51.56
	All Others	31	1,859.50	59.98
X.	Professional Men	1,609	83,413.50	51.84
	Actors	8	331.00	41.38
	Architects	12	568.00	47.33
	Artists	33	1,417.50	42.95
	Attorneys at Law	249	13,145.50	52.79
	Civil Engineers	37	2,131.50	57.61
	Clergymen	308	19,801.00	64.29
	Dentists	51	2,235.50	43.83
	Draughtsmen	1	59.50	59.50
	Editors	38	1,705.00	44.87
	Electricians	2	66.00	33.00
	Judges	4	222.00	55.50
	Lecturers	2	100.00	50.00
	Musicians	44	1,929.00	43.84
	Opticians	3	132.50	44.17
	Photographers	18	649.00	36.06
	Physicians and Surgeons	486	26,611.00	54 76
	Students	73	1,686.50	23.10
	Surveyors	8	503.00	62.88
	Teachers	209	8,767.50	41.95
	Veterinary Surgeons	23	1,352.50	58.80
XI.	Unemployed	4,698	258,121.00	54.94
	Paupers	216	12,546.00	58.08
	Pensioners	7	519.50	74.21
	Retired	81	5,870.50	72.48
	Unemployed	1,525	90,716.50	59.49
	Unknown	2,854	147,881.00	51.82
	All Others	15	587.50	39.17
XII.	Females	43,973	2,195,307.50	49.92
	Actresses	3	81.50	27.17
	Agents	8	292.00	36.50
	Artists	15	599.50	39.97

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
XII.	Females (Continued).			
	At Home	215	6,337.50	29.48
	Basket-makers	11	577.50	52.50
	Boarding-house Keepers	22	1,251.00	56.86
	Book-keepers	4	178.00	44.50
	Cigar-makers	4	114.00	28.50
	Clerks	40	1,182.00	29.55
	Confectioners	6	259.00	43.17
	Cooks	6	225.00	37.50
	Domestics	860	33,378.00	38.80
	Dress-makers	276	9,376.00	33.97
	Druggists	3	154.50	51.50
	Factory Employés	4	88.00	22.00
	Farmers	2,262	124,074.00	54.85
	Farmers' Wives	146	7,658.00	52.45
	Hair-dressers	18	606.00	33.67
	Hotel-keepers	44	2,030.00	46.14
	House-keepers	10,204	547,977.00	53.70
	Housewives	19,154	903,663.00	47.18
	House-workers	991	45,173.50	45.58
	Laborers	211	10,470.50	49.62
	Laundresses	8	303.00	37.88
	Manufacturers	8	400.00	50.00
	Matrons	79	4,084.50	51.70
	Merchants	43	2,119.50	49.29
	Millers	8	424.00	53.00
	Milliners	149	5,524.50	37.08
	Ministers	3	135.50	45.17
	Miscellaneous	143	6,581.50	46.02
	Musicians	20	686.00	34.30
	Nurses	64	3,844.00	60.06
	Paupers	81	4,609.50	56.91
	Physicians	26	1,503.00	57.81
	Prostitutes	20	526.00	26.30
	Saloon-keepers	9	402.50	44.72
	Seamstresses	221	8,828.50	39.95
	Spinsters	10	573.00	57.30

TABLE 99.—CONTINUED.—*Occupations of Decedents, Etc.*

Class.	Occupations,—17 Years, 1870-1886.	Number of Persons.	Age in Years and Hundredths of a Year.	
			Aggregate.	Average.
	Females (Continued.)			
	Students	28	610.00	21.79
	Tailoresses	127	6,811.50	53.63
	Teachers	475	14,153.50	29.80
	Telegraphers	6	150.00	25.00
	Unemployed	4,069	235,969.50	57.99
	Unknown	3,698	190,827.00	51.60
	Washer-women	57	2,687.50	47.15
	Weavers	104	7,073.00	68.01
	Widows	10	735.00	73.50

LAWS OF MICHIGAN

CONCERNING THE

REQUIRING OF A CIVIL LICENSE TO MARRY,

THE SOLEMNIZATION OF MARRIAGES, AND THE RECORD, RETURN, AND COMPILATION OF BIRTHS, MARRIAGES, AND DEATHS; WITH SUGGESTIONS, TO PERSONS AUTHORIZED TO SOLEMNIZE MARRIAGES.

CHAPTER 236, HOWELL'S ANNOTATED STATUTES, 1882.

MARRIAGE AND THE SOLEMNIZATION THEREOF.

SECTION.

6209. Who shall be capable of contracting Marriage.
6210. Marriage is a civil contract.
6211. Who shall not intermarry.
6212. 6213. 6214. Who not to marry.
6215. Marriage, by whom solemnized.
6217. No particular form required.
6220. Marriages not void in certain cases.
6221. Marriages among Quakers, etc.

Chapter eighty-three of Revised Statutes of 1846, with amendments. *

(6209.) SECTION 1. Every male who shall have attained the full age of eighteen years, and every female who shall have attained the full age of sixteen years, shall be capable in law of contracting marriage, if otherwise competent.

(6210.) SEC. 2. Marriage, as far as its validity in law is concerned, is a civil contract to which the consent of parties capable in law of contracting is essential.

(6211.) SEC. 3. No man shall marry his mother, grandmother, daughter, granddaughter, stepmother, grandfather's wife, son's wife, grandson's wife,

* For prior Statutes relative to the solemnization of Marriages, see Woodward Code, p. 42; Cass Code, p. 111; Code of 1820, p. 259; Rev. of 1827, p. 280; Laws of 1832, p. 6; Rev. of 1838, p. 329; R. S. of 1838, p. 335.

wife's mother, wife's grandmother, wife's daughter, wife's granddaughter, nor his sister, brother's daughter, sister's daughter, father's sister, or mother's sister.

(6212.) SEC. 4. No woman shall marry her father, grandfather, son, grandson, stepfather, grandmother's husband, daughter's husband, granddaughter's husband, husband's father, husband's grandfather, husband's son, husband's grandson, nor her brother, brother's son, sister's son, father's brother, or mother's brother.

(6213.) SEC. 5. No marriage shall be contracted whilst either of the parties has a former wife or husband living, unless the marriage with such former wife or husband shall have been dissolved.[b]

(6214.) SEC. 6. No insane person or idiot shall be capable of contracting marriage. All marriages heretofore contracted between white persons and those wholly or in part of African descent are hereby declared valid and effectual in law for all purposes, and the issue of such marriages shall be deemed and taken legitimate as to such issue and as to both of the parents.

(6215.) SEC. 7. Marriages may be solemnized by any justice of the peace in the county in which he was chosen, and they may be solemnized throughout the State by any minister of the gospel who has been ordained according to the usages of his denomination, and who is a pastor of any church or churches in this State, or who shall continue to preach the gospel in this State: (*Provided,*)*

(6216.) SEC. 8.*

(6217.) SEC. 9. In the solemnization of marriage, no particular form shall be required, except that the parties shall solemnly declare, in the presence of the magistrate or minister and the attending witnesses, that they take each other as husband and wife; and in every case there shall be at least two witnesses, besides the minister or magistrate, present at the ceremony.

SEC. 10.† SEC. 11.† SEC. 12.† SEC. 13.† SEC. 14.*

(6220.) SEC. 16. No marriage solemnized before any person professing to be a justice of the peace or a minister of the gospel, shall be deemed or adjudged to be void, nor shall the validity thereof be in any way affected on account of any want of jurisdiction or authority in such supposed justice or minister: *Provided,* The marriage be consummated with a full belief on the part of the persons so married, or either of them, that they have been lawfully joined in marriage.

(6221.) SEC. 17. The preceding provisions of this chapter, so far as they relate to the manner of solemnizing marriages, shall not affect marriages among the people called Friends or Quakers; nor marriages among people of any other particular denomination having, as such, any peculiar mode of solemnizing marriages; but such marriages may be solemnized in the manner heretofore used and practiced in their respective societies or denominations.

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b Act 137, Laws of 1887, prohibits divorced persons from remarrying for a period specified in the decree, not to exceed two years.

* Repealed by Act 128, Laws of 1887.

† Repealed by Act 194, Laws of 1867, p. 266, Sec. 10.

ACT NO. 128, LAWS OF 1887.

FOR THE REQUIRING OF A CIVIL LICENSE IN ORDER TO MARRY, AND THE DUE REGISTRATION OF THE SAME, AND TO PROVIDE A PENALTY FOR THE VIOLATION OF THE PROVISIONS OF THE SAME.[a]

SECTION 1. *The People of the State of Michigan enact,* It shall be necessary for all parties, intending to be married, to obtain a marriage license from the county clerk of the county in which either the man or woman resides, and to deliver the said license to the clergyman or magistrate who is to officiate, before the marriage can be performed.

Persons intending marriage must obtain license from county clerk.

SEC. 2. Blank forms for marriage license and certificate, as also proper books of registration ruled for the items contained in said forms shall be prepared by the Secretary of State, and shall be furnished by him to the county clerk of the various counties of the State in quantities needed. The blank forms for license and certificate shall be made in duplicate and shall provide spaces for the entry of the following items, to wit: The full name, age, color, place of residence, place of birth, occupation, and if known, the father's name, and mother's maiden name, of each of the parties to be married; the number of times either of the parties may have been previously married; the bride's maiden name, in case she is a widow; the date of the giving of the license; the signature of the county clerk; the date and place of the marriage; the names and residences of two witnesses to the marriage, and the certification of the officiating clergyman or magistrate, that the marriage contemplated by the license has been performed by him. And the Secretary of the State shall furnish to the county clerks of the various counties of the State, blank forms of affidavit, containing the requisite allegations, under the laws of this State, of the competency of the parties to unite in the bonds of matrimony, and any party applying for license to marry, shall cause such an affidavit to be made and filed with the county clerk, as a basis for the issuing of the license; and such affidavit, together with the license, shall be made a matter of record of said clerk's office.

Secretary of State to furnish forms, blanks, etc.

Form of license.

Secretary of State to furnish to county clerks blank forms of affidavits, etc.

SEC. 3. It shall be the duty of the county clerk, on application being made to him, to fill out the blank spaces of the license acccording to the sworn answer of the applicant taken before him

Duty of county clerk.

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a This act went into effect Sept. 27, 1887.

or some person duly authorized by law to administer oaths. If it shall appear that the parties are legally entitled to be married, the county clerk shall sign the license in certification of the fact that it is properly issued, and he shall make a correct copy thereof in the books of registration. For his services connected therewith he shall be entitled to a fee of fifty cents, to be paid by the party applying and at the time of the issuing of the license. He shall give the license, thus filled out and signed by him, together with the blank form of certificate, to the party applying for delivery to the clergyman or magistrate who is to officiate at the marriage. On the return of the license to the county clerk (as specified in section four, below), with the certificate of the clergyman, or magistrate, that the marriage has been performed, he shall record in the book of registration, in their proper places of entry, the date and place of the marriage, the names and residences of two witnesses to the marriage, and the name of the officiating clergyman or magistrate. All licenses and certificates so issued and returned shall be preserved on file in the office of the county clerk, and he shall, as often as once in three months, make a faithful report to the Secretary of State of all licenses and certificates issued and received by him.

Fees.

Licenses and certificates where filed, etc.

Duty of officiating clergyman or magistrate.

SEC. 4. It shall be the duty of the clergyman or magistrate, officiating at a marriage, to fill out the spaces of the certificate left blank for the entry of the time and place of the marriage, the names and residences of two witnesses, and his own signature in certification that the marriage has been performed by him. He shall separate the duplicate license and certificate and retain one-half for his own record, and he shall return the other half within ten days to the county clerk issuing the same.

Penalty for violating act by county clerk.

SEC. 5. Any county clerk who shall refuse to give a license to persons properly applying and and legally entitled to be married, or who shall violate any of the provisions of this act, shall be adjudged guilty of a misdemeanor, and shall be punished by a fine of not less than twenty-five dollars or more than one hundred dollars, or in default of payment thereof by imprisonment in the county jail for a term of thirty days.

Penalty for violation, by clergyman, etc.

SEC. 6. Any clergyman or magistrate who shall join together in marriage parties who have not delivered to him a properly issued license, as provided for in this act, or who shall violate any of the provisions of this act, shall be adjudged guilty of a misdemeanor, and shall be punished by a fine of one hundred dollars, or, in default of payment thereof, by imprisonment in the county jail for a term of ninety days.

Penalty for neglect to return certificate.

SEC. 7. Any person whose duty it shall be to return a marriage certificate to the county clerk, who shall neglect to return said certificate, shall be adjudged guilty of a misdemeanor, and shall be punished by a fine of not exceeding one hundred dollars or ninety days' imprisonment, or both in the discretion of the court.

False swearing in application, perjury.

SEC. 8. Any person applying for a marriage license who shall swear to a false statement therein, shall be guilty of perjury and shall be prosecuted therefor under the general laws of the State.

SEC. 9. All reports of marriage, sent by the county clerks of the various counties of the State to the office of the Secretary of State, shall be preserved on file in that office, and a proper record thereof shall be made and kept. Filing and recording of reports.

SEC. 10. The record of any license to marry, or of any marriage certificate in any county clerk's office, or a certified copy thereof, shall be *prima facie* evidence in any court or proceedings in this State, with the same force and effect as if the original were produced, both as to the facts therein contained and as to the genuineness of the signatures thereto. Records of license, etc., *prima facie* evidence.

SEC. 11. All other acts and parts of acts which are inconsistent herewith are hereby repealed. Acts repealed.

AN ACT TO PROVIDE FOR THE REGISTRATION OF BIRTHS, MARRIAGES AND DEATHS, BEING ACT NO. 194 OF 1867, AS AMENDED BY ACT NO. 125 OF 1869.[a]

Duties of supervisors and assessors.

In 1869 returns to be made from April 5 to Dec. 31, 1868.

Return to county clerk

In 1870 and thereafter.

Returns to include from January to December last preceding.

Statistics, how obtained. Compensation.

Proviso relative to the city of Detroit.

Duty of common council.

Persons to be appointed by.

Compensation of persons so appointed. How paid.

(858.) SECTION 1. *The People of the State of Michigan enact,* That it shall be the duty of the supervisor of each township, and the supervisor or assessor of any city or ward therein, in this State, between the tenth day of April and the first day of June, in the year eighteen hundred and sixty-nine, to ascertain, by actual inquiry or otherwise, of the inhabitants thereof, the births and deaths which have occurred in their respective townships, cities, or wards, from and including April fifth, eighteen hundred and sixty-eight, to and including December thirty-first, eighteen hundred and sixty-eight, together with the facts relative thereto, as are hereinafter provided for, and shall make an accurate return thereof to the clerk of the county in which such township or city is situated, on or before the first said day of June; and for such service shall receive ten cents for each birth and death so returned by them, to be paid by the county in which such returns are made. In the year eighteen hundred and seventy, and in each and every year thereafter, it shall be the duty of the officers above mentioned, between the tenth day of April and the first day of June, to ascertain, by actual inquiry or otherwise, of the inhabitants thereof, the births and deaths which have occurred in their respective townships, cities, or wards, during the year ending on the last day of the preceding December, and shall make the return, and receive therefor the compensation above provided for: *Provided,* That in the city of Detroit, the duties required by this act to be performed by supervisors and assessors shall be performed by persons appointed by the common council, for that purpose; and it shall be the duty of the common council on or before the tenth day of April, in each year, to appoint such number of persons in each ward of said city as shall be necessary to perform said duties within the time limited by this act; and such persons shall possess all the authority conferred upon, and perform all the duties required of supervisors and assessors, by this act, within the territory assigned them, respectively by the common council, and shall receive such compensation for their services, not exceeding the sum allowed by this act to supervisors and assessors, as shall be fixed by the common council, to be paid by

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[a] See Act No. 128, Laws of 1887, printed herewith, for registration of marriages.

the county of Wayne, and shall be liable to the same penalties for refusal or neglect to perform any of said duties. Penalties.

(859.) SEC. 2. Every justice of the peace, minister of the gospel, and all other persons authorized by law to solemnize marriages in this State, shall make a record of each marriage so solemnized by him, and every clerk or keeper of the records of the meetings in which any marriage among the Friends or Quakers shall be solemnized, shall make a record of such marriage, together with all the facts relating to the same, as required by the third section of this act; and such justice, minister of the gospel, clerk, or other person, shall, at the time such marriage is solemnized, deliver, on demand, to either of the parties so joined in marriage, as aforesaid, a certificate of such marriage, containing all the facts in relation thereto, required by said third section of this act, and shall, within ninety days thereafter, deliver to the clerk of the county in which such marriage took place, a certified copy of such record, and, at the same time, pay to the clerk twenty-five cents for recording the same.[a]

Marriages to be recorded.

Marriage of Quakers.

Certificates to be furnished.

Fee for recording.

(860.) SEC. 3. It shall be the duty of the county clerks of the several counties in this State, on receiving the returns of such births, marriages, and deaths, to record the same at length in separate books, to be provided at the expense of the State by the Secretary of State, for that purpose, with proper indexes thereto. The births, marriages, and deaths shall be numbered and recorded in the order in which they are received by the clerk, and the record of marriages shall be indexed, using both the name of the bridegroom and bride. The record of births shall state, in separate columns, the date of the birth, the name of the child (if it have any), the sex and color of the child, the place of birth, the christian and surname of both parents, the residence and nativity of the parents, the occupation of the father, and the date when the record was made: *Provided*, That in case the child has no christian name, such name shall be obtained and reported to the county clerk in the next annual report of the supervisor or assessor, and such christian name shall be distinctly designated in such report as the christian name belonging to a child previously reported, and shall be properly entered by said county clerk, in the blank left for such christian name in his book of record; and it shall be the duty of the several county clerks, on or before the tenth day of April in each year, to give to the officers required to make the said returns, lists of such children whose christian names have not been previously reported in their respective towns, cities or wards. The record of marriages shall state, in separate columns, the date and place of marriage, the christian and surname of the bridegroom and bride, and the maiden name of the bride, if a widow, the color, age, and place of birth of each, the residence of each at the time of marriage, the occupation of the bridegroom, and the name and official station of the person by or before whom they were

County clerks; Duties of.

Births, marriages and deaths to be numbered and indexed.

Record of births shall state.

Proviso.

Record of marriages shall state.

[a] The provisions of this section are undoubtedly repealed by Act 128, Laws of 1887, except so far as relates to the delivering of a certificate to either of the parties joined in a marriage.

married, the names and residences of at least two witnesses present at such marriage, and the date when such record was made.* The record of deaths shall state, in separate columns, the date of the death, the christian and surname of the deceased, the sex and color, whether married or single, the age in years, months, and days, the place of death, the disease or apparent cause of death, the nativity of the deceased, and the occupation, if any, and the names, residence of the parents, if known, and the date when such record was made. The clerks of the several counties shall annually, on or before the first day of September, make and transmit to the Secretary of State, a certified copy of the records of his office, of all the births, marriages,* and deaths reported in their respective counties for the year ending December thirty-first, last preceding. And each county clerk shall receive for the record of each birth and death in his office three cents, and three cents for each birth, marriage, and death returned by him to the Secretary of State, to be paid by the county, and shall be compensation in full for all services required by this act to be performed by him.

Record of deaths shall state.

Return of county clerk.

Compensation.

Secretary of State shall furnish all blank books, blanks, instructions, etc.

(861.) SEC. 4. The Secretary of State shall prepare and furnish to the county clerks of the several counties in this State, blank books of suitable quality and size, with proper rulings and headings, to be used as books of record, in carrying into effect the provisions of this act. He shall also prepare and furnish blank "forms of returns," as hereinbefore specified, accompanied with such instructions and explanations as may be necessary to insure uniformity in such returns, which blanks shall be forwarded to the several county clerks on or before the first day of March in each year; and the said county clerks shall deliver the same to the supervisors or assessors of the several townships, cities or wards therein, in their repective counties, on or before the tenth day of April.

Returns to be bound and indexed.

(862.) SEC. 5. It shall be the duty of the Secretary of State to receive the returns made in pursuance of the third section of this act, and he shall cause the same for each year to be bound together, in one or more volumes, at the expense of the State, and make indexes thereto; and with such assistance as may be voluntarily rendered by any authorized committee appointed by the medical faculty of the University of Michigan, or by any regularly authorized medical society in this State, for that purpose, he shall prepare such tabular statements, results, and deductions therefrom as will render them of practical utility, and make report thereof, annually, to the Governor of the State, which report may be ordered published and distributed in such manner as the Legislature may from time to time direct.

Secretary of State to make annual report.

Neglect to keep records.

(863.) SEC. 6. Every justice of the peace, minister of the gospel, and all other persons authorized by the laws of this State to solemnize marriages, and clerks or keepers of records of the meetings in which any marriage among the Friends or Quakers shall be solemnized, who shall neglect or refuse to make a record of such marriage, or to deliver to the county clerk of the county in which

Neglect to deliver certificates.

* Amended by Act 128, Laws of 1887, which see on previous pages for amended provisions.

the marriage took place, a certified copy of such record, or who shall refuse, on demand, to deliver to the parties to such marriage the certificate thereof, as required by section two of this act, or who shall willfully make a false or fictitious entry in his record of marriages or in the certified copy of such record delivered to the county clerk, or in the certificates of marriages delivered to the parties thereto, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by fine not exceeding one hundred dollars, and in default of paying the same, shall be imprisoned in the county jail of the county in which such conviction shall be had, until said fine be paid, but not to exceed the period of ninety days.* Penalty.

(864.) SEC. 7. Every physician, surgeon, or midwife, who shall have been in attendance upon any deceased person, shall, upon application of any supervisor or assessor of the township, city, or any ward thereof, in which such death occurred, make out and deliver to such supervisor or assessor a certified statement, without fee, containing the name of the disease, or cause (if known), producing the death of such person; and any medical attendant who shall neglect or refuse to give such statement, or who shall willfully make a false statement in relation to such death, shall, for such offense be liable to pay a fine of not less than ten nor more than fifty dollars, and the costs of posecution, which fine the said supervisor or assessor is hereby required to sue for and collect, in his official character. Certificate of death. Refusal to make certificate. Penalty.

(865.) SEC. 8. It shall be the duty of each supervisor or assessor to obtain the facts in relation to births and deaths within his township, city, or any ward therein (not otherwise obtained), from the heads of families, the keepers, overseers, or superintendents of asylums, hospitals, jails, prisons, workhouses, almshouses, houses of correction, and similar institutions, the keepers of hotels, public and private boarding-houses, and the masters or chief officers of steamboats and sail vessels, navigating any of the waters of this State, and touching at any port of entry therein, in which such births or deaths occurred; and if either of the above named persons shall refuse to give such information, then the same shall be obtained by such supervisor or assessor from any person having a knowledge of the facts in relation to such birth or death; and if the supervisor or assessor shall have reason to believe that any person or persons willfully misrepresented or concealed any facts relative to such birth or death in his township, city, or any ward therein, which he cannot otherwise obtain, he may examine such person or persons on oath (which oath such supervisor or assessor is hereby empowered and authorized to administer) in relation to any birth or death within his township, city or any ward therein, of which such person or persons may have any knowledge or information; and if any person, after being duly subpœnaed (as provided for compelling the attendance of witnesses in justices' courts) Facts to be obtained by supervisor. Refusal to furnish. Obtained under oath. Neglecting to answer a subpœna.

* The provisions of this section are undoubtedly repealed by Act 128, Laws of 1887, except so far as relates to the penalty for refusing to deliver to the parties to a marriage a certificate thereof.

by such supervisor or assessor, for the purpose aforesaid, shall neglect or refuse to appear before such officer, or, appearing, shall refuse to be sworn and testify in relation to such matter, he shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished therefor by fine not exceeding fifty dollars, and in default of paying the same shall be imprisoned in the county jail of the county in which such conviction shall be had, until said fine be paid, but not exceeding ninety days; and any person who after being duly sworn as aforesaid, shall willfully make any false statement in relation to any birth or death, about which he is required to testify, shall be deemed guilty of willful and corrupt perjury: *Provided,* That no person shall be required to answer any question which will tend to criminate himself or herself upon any such examination.

Penalty.

Perjury.

Proviso.

Neglect to perform duties.

(866.) SEC. 9. In case of the refusal or neglect by any of the officers mentioned in this act, to perform any of the duties hereinbefore required of them or either of them, to be done and performed by any of the provisions herein contained, such officer shall be liable to a fine not to exceed one hundred dollars, and the costs of prosecution; and the prosecuting attorney in each county is hereby required to prosecute, in the name of the people of the State of Michigan, all persons in his county who shall willfully violate any of the provisions of this act; and the said supervisor or assessors of any township, city, or any ward therein, may be prosecuted for a midemeanor under the section, and upon conviction, punished as therein provided for.

Penalty.

Misdemeanor.

SUGGESTIONS TO PERSONS AUTHORIZED TO SOLEMNIZE MARRIAGES IN MICHIGAN.

A thorough knowledge of the law concerning the solemnization and return of marriages in Michigan is necessary to a correct performance of the duties of persons authorized to solemnize marriages.

The most frequent violation of the law is in the marriage of persons *under the lawful age,* which is: for males eighteen (18) years, and for females sixteen (16) years. See Section (6209), Howell's Annotated Statutes, 1882, printed on a previous page. The penalty for the violation of this provison is a forfeit of not exceeding one hundred (100) dollars. See Sec. 6, Act 128, Laws of 1887, printed on a previous page.

In the record and return of marriages, every item specified in the law should be carefully ascertained, and correctly and plainly written. No item should be omitted, and nothing taken for granted, as is often the case with the fact as to COLOR of persons married.

In recording the BIRTHPLACE of each, the State or country should be distinctly given in each case. This will avoid the difficulty of ascertaining the nativity of persons whose birthplace is returned "Holland," "Hanover," "Denmark," "Wales," "Paris," etc.,—names of places which may be either in the United States or Europe. If such or similar names occur, please state whether it is Holland, *Michigan,* or Holland, *Europe,* and so for each case. Never return the birthplace "America," as we cannot know whether it is in the United States, and are therefore compelled to compile it with the "Unknown."

Blanks for the return of marriages to the county clerk will not be required under the new law, as the return of the license with the certificate properly filled out will constitute the proper return to the county clerk.

The license to marry can only be procured from the several county clerks, but the affidavit necessary to procure the same may be made before any person authorized to administer oaths, and blank affidavits can be had from any county clerk or from the office of the Secretary of State.

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